

Tadeusz Kosciuszko Cracow University of Technology

Course Card

Faculty of Civil Engineering

Field of study: Civil Engineering

Study profile: general academic

Study form: full-time

Field of study code: BUD

Study cycle: 1st

Specialty: no specialty

1 COURSE INFORMATION

Course name	Elementy zarządzania w budownictwie
Course name in English	Elements of Management in Civil Engineering
Course code	WIL BUD oIS D50 24/25
Course category	Przedmioty profilowe
No. of ECTS points	2.00
Semester	7

2 CLASS TYPE, NUMBER OF HOURS ACCORDING TO THE STUDY PLAN

Semester	Lecture	Class exercise	Laboratory	Computer lab	Design exercise	Seminar
7	8	0	0	0	15	0

3 COURSE OBJECTIVES

Objective 1 The aim of the course is to introduce students to the nature and role of management in construction.

4 PREREQUISITES IN TERMS OF KNOWLEDGE, SKILLS AND OTHER COMPETENCES

5 LEARNING OUTCOMES

LO1 Knowledge Students know and understand the mastered key management concepts related to business.

LO2 Skills Students know and understand the management functions.

LO3 Knowledge Student is able correctly interpret and explain the concepts of business management.

LO4 Knowledge Student is aware that lifelong learning is necessity.

6 COURSE CONTENT

Lecture		
No.	Subject matter of the course Detailed description of thematic blocks	No. of class hours
L1	Introduction to management.	2
L2	Swot analysis as a strategic planning tool.	2
L3	Management role, skills and functions	2
L4	Lean management and lean construction	2

Design exercise		
No.	Subject matter of the course Detailed description of thematic blocks	No. of class hours
P1	Development project: due diligence analysis	5
P2	Development project: swot analysis	10

7 TEACHING TOOLS

N1 Lecture

N2 Work in groups

N3 Multimedia presentations

8 Student workload

Activity form	Number of hours of activity
Hours realized in contact with the teacher	
Hours resulting from the study plan	23
Consultation hours	7
Exams and tests during session	2
Hours of autonomous student work	
Preparing for classes, studying literature	8
Developing results	5
Preparing of reports, projects presentations, discussion	5
Total number of hours devoted to the subject	50
Total number of ECTS points	2.00

9 Methods of grading

Partial grades

F1 Team project

F2 Passing lectures

Summary grade

P1 Average from lectures (60%) and projects (40%)

Conditions for passing the course

L1 Positive final rating (3.0 or higher)
