



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Elective II, PMBoK

Course

Field of study

Civil Engineering

Area of study (specialization)

Structural Engineering

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

English

Requirements

elective

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

15

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

dr hab. inż. Jerzy Paślawski, prof. PP

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tel: 616652113

Wydział Inżynierii Lądowej i Transportu

ul. Piotrowo 5, 60-965 Poznań

Responsible for the course/lecturer:

mgr inż. Jakub Sasiadek

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tel: 616652474

Wydział Inżynierii Lądowej i Transportu

ul. Piotrowo 5, 60-965 Poznań

Prerequisites

The student has basic knowledge of investment process management

He can obtain information from literature and other sources. He can combine the obtained information

The student should be aware of the consequences of the decision. He understands the need to learn throughout his working life. He understands the need to cooperate and work in a group

Course objective

Providing knowledge in the field of project management in accordance with the PMBoK methodology



Course-related learning outcomes

Knowledge

Knowledge of the project life cycle and product life cycle

Knowledge of the principles of management and conducting the investment process

Knowledge of project management standards in accordance with PMBoK

Skills

Student can manage construction processes. He can determine the method of project management based on the PMBoK methodology

Social competences

Student is ready to think and act in an entrepreneurial way

Student is responsible for the reliability and interpretation of the obtained results

Student is aware of the need to improve professional and personal competences, is ready to critically evaluate the knowledge and content received

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Grade scale of final test determined % from:

90 very good (A)

85 good plus (B)

75 good (C)

65 sufficient plus (D)

55 satisfactory (E)

below 54 insufficient (F)

Programme content

1. Major Global Project Management Standards
2. The Project Life Cycle and the Product Life Cycle
3. The Investment-Construction Process in Poland in terms of the Project Life Cycle
4. Project Management and Operations Management
5. Role of a Project Manager and Organizational Influence on Project Management
6. Project Management Process Groups: Initiating; Planning; Executing, Monitoring and Controlling; Closing Process Groups.



7. The Project Management Knowledge Areas and their relationships with Project Management Process Groups

8. Project Management Knowledge Areas: Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, Project Human Resources Management, Project Communications Management, Project Risk Management, Project Quality Management, Project Procurement Management, Project Stakeholder Management

Projects: preparing a case study based on the issues listed above

Teaching methods

Multimedia presentation

Bibliography

Basic

Praca zbiorowa PMBOK Guide (A Guide to the Project Management Body of Knowledge)

Additional

Carl L. Pritchard – Zarządzanie ryzykiem w projektach

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	2,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	30	1,0

¹ delete or add other activities as appropriate