COURSE DESCRIPTION CARD - SYLLABUS

Course name

Projects management

Course

Field of study

Aerospace Engineering

Area of study (specialization)

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

II/III

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

30

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

Joanna Baksalary, PhD

email: baksalaryjoanna@gmail.com

Faculty of Physics

Uniwersytetu Poznańskiego 2 Street,

61-612 Poznań, Poland

Responsible for the course/lecturer:

Rafał Renk, PhD, eng.

email: rafal.renk@gmail.com

Faculty of Physics

ul. Uniwersytetu Poznańskiego 2,

61-612 Poznań

Prerequisites

Knowledge

[P6S_WG, K1A_W01]

Skills

[P6S_UW, P6S_UU - K1A_U04]

[P6S_UW, T1A_U01, T1A_U03, K1A_U01]

Social competences

[P6S_UO, T1A_K03, K1A_K03]

Course objective

Acquiring knowledge about the basics of management, planning and implementation of projects. Getting to know individual project roles. Transfer of good practices.

Course-related learning outcomes

Knowledge

[P7S_WK, K2A_W26]

[P7S_WK, K2A_W25]

[P7S_WK, K2A_W24]

Skills

[P7S_UW, P7S_UU, K2A_U03]

[P7S_UW, K2A_U01]

[P7S_UW, K2A_U14]

Social competences

[P7S_UU, K2A_K01]

[P7S_UO, K2A_K04]

[P7S_K0, K2A_K07]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: assessment of knowledge and skills demonstrated at a written exam.

Project: preparation and passing the project

Obtaining additional points for activity during classes, especially for:

- suggesting additional aspects in a discussion of a given issue,

- effectiveness of using the acquired knowledge while solving a given problem.

Programme content

1. About projects and their management

2. The role of the project manager

3. Defining the project

4. Building and maintaining a team

5. Planning and estimation

6. Project plan

7. Dealing with risk and uncertainty

8. Exercising control over time

9. Management of contact points with the environment

10. Communication and documentation

11. Finishing the project

Teaching methods

Bibliography

Basic

1. Gary R. Heerkens, „Jak zarządzać projektami”, Wyd. RM, Warszawa, 2003

2. P. Wyrozębski, „Zarządzanie projektami”

3. M. Trocki, B. Grucza, K. Ogonek, Zarządzanie projektami, PWE, Warszawa 2003

4. J.M. Nickolas, H. Steyn, Project Management for Business, Engineering and Technology, Butterworth - Heinemann 2008

Additional

Breakdown of average student's workload

	Hours	ECTS
Total workload	26	1,2
Classes requiring direct contact with the teacher	17	0,7
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]		

[1] delete or add other activities as appropriate