



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Project Management

Course

Field of study

Industrial and Renewable Energy

Area of study (specialization)

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Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

15

Tutorials

Laboratory classes

Projects/seminars

15

Other (e.g. online)

Number of credit points

3

Lecturers

Responsible for the course/lecturer:

Dr inż Jędrzej Mosiężny

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Faculty of Environmental Engineering and Energetic

ul. Piotrowo 3, 60-965 Poznań

Responsible for the course/lecturer:

Prerequisites

Student has basic knowledge from specialistic courses from industrial and renewable energy. Student is



capable of solving basic engineering tasks of designing an energy device. Student has good enough personal skills to communicate in professional environment

Course objective

To present student with necessary skills and knowledge from managing projects in industrial and renewable energy.

Course-related learning outcomes

Knowledge

Has knowledge of the lifecycle of the devices and systems used in industrial energy

Has knowledge on managing intellectual property in project management within industrial energy industry.

Has knowledge of processes and structures of the companies in industrial energy industry

Skills

Is able present hypotheses applied to simple implementation problems in project management.

Is capable of leading a debate.

Is capable of managing own lifelong learning

Social competences

Is ready to ask for opinions while having problems in performing an engineering task.

He is ready to fulfill social obligations, inspire and organize activities for the social environment

is ready to perform professional roles responsibly, taking into account changing social needs,

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Written exam from the lecture, minimum to pass – 51% of total available points

Presenting and defending a project assessment

Programme content

1. About project management
2. Role of project Manager
3. Defining project

Teaching methods

conversatory lecture, project

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	60	2,0
Classes requiring direct contact with the teacher	32	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	15	1,0

¹ delete or add other activities as appropriate