



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Project PLE

Course

Field of study

Product Lifecycle Engineering

Area of study (specialization)

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

compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

15

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

prof. dr hab. inż. Adam Hamrol

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Faculty of Mechanical Engineering

Piotrowo Street No 3, 60-965 Poznań

Responsible for the course/lecturer:

dr inż. Przemysław Zawadzki

Prerequisites

Knowledge from the whole scope of studies



Course objective

Using the acquired knowledge and skills to develop a production implementation plan and launch a new product on the market

Course-related learning outcomes

Knowledge

Knowledge acquired during project preparation

Skills

Can develop a production implementation plan and launch a new product on the market

Social competences

Is aware of the need for teamwork

Understands the need to take into account the restrictions imposed by all interested parties

Understands the rules of using other people's intellectual properties

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Assessment of the developed project in terms of: completeness, consistency, feasibility and readability.

Programme content

They result from the kind of project undertaken by the student

Teaching methods

Individual project consultations

Bibliography

Basic

Saaksvuori A., Immonen A.; (2008), Product Life Cycle Management, Springer

Additional

Hamrol A. (2019) , Mechanical Engineering in Industry 4.0, Managemnt and Production Engineering Review , No 4.



Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for classes, preparation for exam, project preparation) ¹	10	0,5

¹ delete or add other activities as appropriate

