



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Preparation of a diploma thesis [S2ZiIP2-liZJ>PPD]

### Course

Field of study	Year/Semester
Management and Production Engineering	2/3
Area of study (specialization)	Profile of study
Quality Engineering and Management	general academic
Level of study	Course offered in
second-cycle	Polish
Form of study	Requirements
full-time	elective

### Number of hours

Lecture	Laboratory classes	Other (e.g. online)
0	0	0
Tutorials	Projects/seminars	
0	60	

### Number of credit points

11,00

### Coordinators

dr inż. Paulina Rewers  
paulina.rewers@put.poznan.pl

### Lecturers

### Prerequisites

The student has the knowledge and skills necessary to complete the diploma thesis acquired during classes in semesters 1-3.

### Course objective

Improving knowledge and skills in planning and conducting scientific research as well as the ability to present the results of this work.

### Course-related learning outcomes

Knowledge:

The student should know the rules related to the editing of a diploma thesis (structure, editorial requirements, sources of obtaining knowledge, bibliographic principles used in preparing a literature review).

Be able to define the topic and purpose of the diploma thesis and formulate the scope of the topic (issues subsequently developed in the diploma thesis).

Knows the substantive scope of the diploma examination.

### Skills:

The student is able to analyze the literature on the subject.

The student is able to present the scope of the topic, the main assumptions and purpose of the work and report its important fragments. Verbalize the acquired knowledge and present it in various ways (multimedia presentation, paper, speech, discussion).

The student is able to formulate conclusions from the work performed.

### Social competences:

Able to cooperate in a group.

He will act in accordance with ethical principles.

He is able to express his assessment and justify it.

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Completing the course based on:

- evaluation of the presented diploma thesis,
- regularity of its execution (timely manner),
- ability to independently solve technical problems.

## Programme content

Familiarize yourself with the requirements for diploma theses and the process of preparation work.

Preparation of the thesis.

## Course topics

Familiarization with the requirements for diploma theses and the process of preparing the thesis. Review of knowledge acquired during studies. Discussing the scope of diploma theses and methods of completing them. Discussion of specific solutions and their analysis. Methodology of writing, preparation. Preparation of a diploma thesis.

## Teaching methods

Discussion with the diplomat on currently emerging problems, ongoing explanations or providing sources in the literature on the topic in order to solve the tasks.

## Bibliography

Basic:

1. Wojciechowska R., Przewodnik metodyczny pisania pracy dyplomowej Wyd. DIFIN Warszawa 2010
2. Opoka E., Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych Wyd. Politechniki Śląskiej Gliwice 2001
3. Diakun J., Szablon pracy dyplomowej, <http://pm.put.poznan.pl/strefa-studenta/instrukcje-do-zajec-laboratoryjnych/>
4. Literatura naukowa oraz techniczna niezbędna do przygotowania pracy dyplomowej.

Additional:

1. Dobrze obyczajaj się w nauce. Zbiór zasad i wytycznych (wyd. 3), Wyd. PAN Warszawa, 2001.

## Breakdown of average student's workload

	Hours	ECTS
Total workload	275	11,00
Classes requiring direct contact with the teacher	60	2,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	215	8,50