



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Preparation of the thesis

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

		Number of hours
Lecture	Laboratory classes	Other (e.g. online)
Tutorials	Projects/seminars	

### Number of credit points

9

Lecturers	
Responsible for the course/lecturer:	Responsible for the course/lecturer:
Thesis supervisor	

**Prerequisites**

Student knows the basic manufacturing techniques and has knowledge of production management at the first-degree level. Student can: characterize the manufacturing processes, determine the cost associated with their implementation. He can use production control methods. He can work in a team, he sees the need for continuous training.

### Course objective

Acquisition of practical skills in applying the knowledge gained during studies to the development of an engineering thesis (characterizing the subject area, formulating the purpose of the work and its scope).

### Course-related learning outcomes

Knowledge

Knows principles related to editorial work (structure, editorial requirements, sources of knowledge, bibliographic rules used in the literature review). Identifies the topic and purpose of the diploma thesis. Formulates the scope of the topic (issues developed later in the diploma thesis). Knows the substantive scope of the diploma exam.



### Skills

Student can do literature analysis of the subject. Presents the scope of the topic, the main and purpose of the work, and present important pieces of it. Verbalizes the acquired knowledge and present it in different ways (multimedia presentation, presentation, presentation, discussion). Formulates the conclusions of the work done.

### Social competences

Student can cooperate in group. He will follow the rules of ethics. He can express his opinion and justify it.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Credit on the basis of progress in the preparation of the thesis.

### Programme content

Familiarize yourself with the requirements of the engineering work and the process of preparation work. Overview of the knowledge gained during the studies part.1. Discuss the scope of the diploma thesis and how to do it. Overview of specific solutions and their analysis. Methodology of writing. Preparation of the thesis.

### Teaching methods

Seminar, consultations on ongoing projects, workshops - discussions on diploma projects presented.

### 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/>

#### Additional

1. Dobre obyczaje w nauce. Zbiór zasad i wytycznych (wyd. 3), Wyd. PAN Warszawa, 2001.

### Breakdown of average student's workload

	Hours	ECTS
Total workload	225	9,0
Classes requiring direct contact with the teacher	100	4,0
Student's own work (literature studies, preparation for seminars) <sup>1</sup>	125	5,0

<sup>1</sup> delete or add other activities as appropriate