



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar

### Course

Field of study

Management and Production Engineering

Area of study (specialization)

Computerisation in Production

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

2/4

Profile of study

general academic

Course offered in

Polish

Requirements

elective

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

16

### Number of credit points

3

### Lecturers

Responsible for the course/lecturer:

PhD. Ewa Dostatni

Responsible for the course/lecturer:

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Faculty of Mechanical Engineering

Piotrowo 3 60-965 Poznań

### Prerequisites

Student is familiar with basic manufacturing techniques and has knowledge of production management at the level of studies. Student can: characterize the manufacturing processes, determine the cost associated with their implementation. He can use the methods of production control, he can apply the basic IT tools in the area of production management. 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 the studies to the development of the MA thesis (characterization of the subject area, formulation of the purpose of the work and its



scope). Generation of thesis topics, selection of promoters. Define by students (along with the promoter in the consultation) specific tasks to be performed.

### Course-related learning outcomes

#### Knowledge

Student Knows the rules and principles of writing papers, drafting text. Has knowledge of project management (project, diploma thesis). Knows basic methods and techniques in solving tasks. Has knowledge of decision making when choosing research methods.

#### Skills

Student can plan and conduct experiments, computer simulations, interpret the results and draw conclusions. Can conclude at the stage of topic analysis, select methods and means to perform tasks. Can prepare in Polish and English, well-documented technical presentation and presentation. Can select and apply appropriate research methods to specific tasks.

#### Social competences

Student understands the need for lifelong learning; He can inspire and organize the learning process of others. He is able to determine priorities for a given task. Can collaborate and work in a group. Responsibility for self-prepared publications (especially as regards the use of other publications).

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Pass on presentation of issues related to education in the field of Management and Production

Engineering and presentation of thesis thesis on: objectives, methods of solving the problem and schedule.

### Programme content

Characteristics of master's theses (construction, technology, production organization, research, review, theoretical). Discussion of sample MA theses (objectives, scope, volume, literature). Difference between master's thesis and engineering. Structure of thesis. Editorial requirements. Characterization of the content area, formulation of the purpose of work and its scope. Selection of literature for the scope of work. Student presentations.

### Teaching methods

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

### Bibliography

#### Basic

J Diakun J., Szablon pracy dyplomowej, <http://pm.put.poznan.pl/strefa-studenta/instrukcje-do-zajec-laboratoryjnych/>

Wojciechowska: Przewodnik metodyczny pisanie pracy dyplomowej, Wyd. DIFIN, Warszawa 2010.



E. Opoka: Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych, Wyd. Politechniki Śląskiej, Gliwice 2001.

Additional

### Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,0
Classes requiring direct contact with the teacher	30	1,5
Student's own work (literature studies, preparation for seminars) <sup>1</sup>	45	1,5

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