POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Diploma thesis - Engineering project [S1Log2>PD-PI]

Course

Field of study	Year/Semester
Logistics	4/7
Area of study (specialization)	Profile of study
–	general academic
Level of study	Course offered in
first-cycle	Polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
0	0	0
Tutorials	Projects/seminars	
0	90	

Number of credit points

15,00

Coordinators	Lecturers
dr inż. Agnieszka Grzelczak agnieszka.grzelczak@put.poznan.pl	

Prerequisites

Knowledge of subjects covered by the education program of the first-cycle studies in Logistics. Skills in analyzing issues related to the field of study. Competences in establishing contacts with enterprises, collecting and analyzing information needed to complete the thesis and ability of managing own time.

Course objective

The aim of the course is to use the knowledge and skills acquired during studies to analyze selected logistic processes or subsystems or issues directly related to them, and to propose necessary changes. Preparation of thesis (engineering project).

Course-related learning outcomes

Knowledge:
1. The student knows the basic management issues specific to aspects covered in the thesis [P6S_WG_08]
2. The student knows and explains the basic relationship in the logistics area and the specific issues raised in the thesis [P6S_WK_04]
3. The student knows the basic methods, techniques and tools for conducting research and solving

simple engineering tasks as part of the diploma thesis [P6S_WK_07]

Skills:
1. The student searches, analyzes and synthesizes information from the literature and other sources and presents in an orderly manner the topics related to the problem covered by the issues discussed in the diploma thesis [P6S_UW_01]
2. Student is able to prepare a written study (engineering thesis) and an abstract in a foreign language [P6S_UK_02]
3. The student is able to identify and formulate a practical (engineering) task in the field of diploma thesis [P6S_UO_01]
4. The student is able to select and apply, based on analysis, appropriate tools and methods to solve problems specific to the issues analyzed in the diploma thesis [P6S_UO_02]

Social competences:
1. The student is aware of the importance of knowledge in the field of logistics and supply chain management in solving problems in the field of thesis [P6S_KK_02]
2. The student is aware of the need to cooperate and work in a group on solving problems within the diploma thesis [P6S_KR_02]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment: Current consultations with the thesis supervisor.
Summative assessment: Assessment of the process of preparing the diploma thesis and the results obtained.

Programme content

Preparation of an engineering diploma thesis

Course topics

Preparation of the engineering thesis plan, setting the goal and scope of thesis, analysis of the literature on the subject, conducting own research, proposing improvements, formulating conclusions.

Teaching methods

Working with the book, the method of observation and measurement in the field, project method.

Bibliography

Basic:
1. Sources selected according to the issues of the diploma thesis
2. Source documentation from the enterprise / organization in which the research is conducted
3. Regulamin realizacji prac dyplomowych - www.fem.put.poznan.pl

Additional:
1. Majchrzak J., Mendel T., Metodyka pisania prac magisterskich i dyplomowych, Uniwersytet Ekonomiczny, Poznań, 2009.
2. Wójcik K., Piszę akademicką pracę promocyjną, Placet, Warszawa 2005.

Breakdown of average student's workload

	Hours	ECTS
Total workload	375	15,00
Classes requiring direct contact with the teacher	90	4,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	285	11,00