POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar

Course

Field of study	Year/Semester
Construction and Exploitation of Means of Transport	4/7
Area of study (specialization)	Profile of study
Machines	general academic
Level of study	Course offered in
Second-cycle studies	Polish
Form of study	Requirements
part-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
0	0	0
Tutorials	Projects/seminars	
0	9	

Number of credit points

15

Lecturers

Responsible for the course/lecturer:

dr hab. inż. Jaroslaw Selech prof. PP

mail: jaroslaw.selech@put.poznan.pl

tel. 61 665 22 27

ul. Piotrowo 3, 60-965 Poznań

Responsible for the course/lecturer:

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Prerequisites

Student has general and technical knowledge acquired throughout the current educational process, necessary for solving complex engineering tasks of a project. Student is able to read technical texts in English. Able to solve computational tasks in the field of construction machinery. Able to effectively communicate with colleagues.

Able to work in a group

Course objective

To familiarize students with the demands of engineering thesis.

The acquisition of skills by the students to present and interpret the results

literature studies, and own research. To familiarize students with the methodology

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and technology of engineering thesis writing.

Course-related learning outcomes

Knowledge

 Has enriched   knowledge of the principles of machines designing, principles of publications and technical descriptions

Skills

1. Student can plan and execute a complex action whose aim is solwing the technical problem

2. Can develop complex technical documentation of the machine

3. Knows how to present and justify their own technical design

Social competences

Student has developed social skills in a professional environment.

Student understands function and significantly and responsibilityof engineer in human society

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Rating of a presentation prepared in the class.

Evaluation of expression and activity in the discussion during the class.

The student prepares two presentations per semester. The first end of the first half of the semester relates to the overall design work and review of previous work in the second half of the semester, the student presents the results of his work so far, ie the solution of the engineering and preliminary version of the presentation, to be presented at the final exam.

Programme content

Methodology of thesis writing: system work breakdown structure content, the chapters, the selection of sources. Technical guidelines for writing a thesis in the field of prose, layout, copyright, citation of literature and logic to justify the concept of assertions and conclusions. Presentation in the form of seminar issues of student theses. Presentation and discussion of preliminary results, which are the subject of research in the forthcoming thesis combined with the discussion.

Teaching methods

1. Participation in seminars

2. Consultation

3. Literature studies

4. Working out calculations and drawings

5. Edition of the text

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6. Preparing a presentation at a seminar and diploma exam

7. Diploma exam

Bibliography

Basic

Additional

Breakdown of average student's workload

	Hours	ECTS
Total workload	90	15,0
Classes requiring direct contact with the teacher	9	3,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	81	12,0

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[1] delete or add other activities as appropriate