

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Diploma Seminar		Code 1010611271010610467
Field of study Transport	Profile of study (general academic, practical) (brak)	Year /Semester 4 / 7
Elective path/specialty Road Transport	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: First-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 2		No. of credits 15
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 15 100% 15 100%
Responsible for subject / lecturer: Marian Jósko, Assoc. Prof., PhD (Eng.), DSc email: marian.josko@put.poznan.pl tel. 61 665 2247 Faculty of Machines and Transport ul. Piotrowo 3, 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge received at diploma proseminar, concerning of the genesis, aim and kinds of promotion works and principles of their preparation and presentation
2	Skills	Ability to selection, integration and interpretation of obtained information and the skills in conclusion making as well as own opinion formulation and motivation
3	Social competencies	Consciousness of an importance and reality of non-technical aspects a well as formal and lawful effects of realisation of the promotion engineer?s work
Assumptions and objectives of the course: An acquirement of the skills of presentation and interpretation of bibliography study and own elaboration as well as the knowledge of the required methodology and the technique of work writing.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Knows a formal and lawful foundations of realisation of the diploma engineer?s work - [K1A_W21] 2. Has a knowledge of the principles of realisation of diploma engineer?s work - [K1A_W21] 3. Knows a fundamentals of creative ethics ? an avoidance of plagiarism, citation and an exposure of original achievements - [K1A_W21] 4. Has a knowledge of the necessary editor?s foundations and a technique of the diploma writing using the text and formulas editors - [K1A_W21] 5. Knows needful functions and the procedure of the formal preparation for the thesis defence and the course of the thesis defence. - [K1A_W21]		
Skills:		
1. Is able to formulate the subject matter, genesis and tasks of the engineer?s work resulting from its range - [K1A_U02] 2. Is able to present an essence elements of the engineer?s work in the form of a computer presentation - [K1A_U05] 3. Has the ability to use a bibliography, to refer a source, to draw the conclusions and to sum the chapters - [K1A_U01] 4. Is able to invent a many-paged elaboration in agreement with the standing principles in text editor - [K1A_U02] 5. Is able to write abstracts in Polish and foreign languages as well as correctly record the bibliography with citations. - [K1A_U02-03]		
Social competencies:		

1. Has an awareness of social meaning of the diploma engineer's work as a form of the professional and social promotions - [K1A_K01]
2. Is able to evaluate the effects of non-compliance of some formal, lawful and ethical principles during realisation of the work - [K1A_K01]
3. Is able to work in teams and knows some principles of a group cooperation in realisation of the work - [K1A_K04]
4. Is able by one-self to develop his knowledge and to fix the directions of further activity in the scope of continuation of the diploma work - [K1A_K01]

Assessment methods of study outcomes

Final credit with the subject contained some partial credits of the own presentation, degree of realisation of own work, activity in discussions of the own and others presentations, form of presentation, quality of an essential information, presence in the seminar and a percentage of advance of the diploma work, confirmed by the professor conferring a diploma.

Course description

Introduction and organization of the subject ? a short repetition of the diploma proseminar in the range of formal and lawful foundations of the diploma engineer's work as well as an appointment of the agenda and all terms of individual presentations, in compliance with themes of the diploma works.

Foundations of the engineer's work presentation ? presentation a theme of the work and its essence containing a topicality, genesis, aim, and the tasks for an achievement of the purposes; schedule of the work realisation, bibliography connected with the theme of the work (the first presentation should be carried out in Power Point editor and will be in a considerable degree applied in the future, during the diploma work defence).

The first individual presentation the theme of the diploma work ? an individual presentation in a limited time by the students, according to the accepted agenda, with an emphasis of an essence, genesis, aim, plan of realisation; general and particular discussion of the structure of each work, essential problems and the own original contribution; some commentaries concerning the examined presentations by the students and lecturer.

The second individual presentation of advance of the diploma work ? an individual report of the diploma works, prepared in text editor, containing graphical objects, some results of the own engineer's solutions; common discussion and evaluation of the presented texts, both the finished and current own investigations; signals of a possible problems connected with the work realisation.

The recapitulation of the diploma works realisation ? a sum up of the individual presentations (the first and second) connected with realisation of the own diploma engineer's works; a common discussion with an participation of the current and others presenters.

Preparation for the diploma work defence ? a reminder of a formal requirements connected with a preparation of the work, defence and some concurrent documents as well as the procedure of the diploma work defence; communication of the preliminary terms of diploma engineer's defences.

Basic bibliography:

1. Gambrelli G., Łucki Z.: Praca dyplomowa. Wyd. AGH, Kraków, 2011.
2. Wojciechowska R.: Przewodnik metodyczny pisania pracy dyplomowej. Wyd. DiFir SA, 2010.
3. Knop Zb., K.: Metodyka pisania pracy dyplomowej. Poznań, 2009.
4. Majchrzak J., Mendel T.: Metodyka pisania prac magisterskich i dyplomowych. Wydawnictwo Uniwersytetu Ekonomicznego w Poznaniu, Poznań, 2009.
5. Sójka Z., Popow G., Zawal W.: Poradnik pisania prac dyplomowych. Bałtycka Wyższa Szkoła Humanistyczna, Koszalin, 2006.

Additional bibliography:

1. Boć J.: Jak pisać pracę magisterską? (konsultacja filologiczna J. Miodek). Wyd. Kolonia Limited, Wrocław, 2009.
2. Leszek W.: Wybrane zagadnienia metodyczne badań empirycznych. Wyd. ITE, Radom, 2006.
3. Cempel C.: Nowoczesne zagadnienia metodologii i filozofii badań. Wyd. ITE i PW, Radom-Warszawa, 2005.
4. Kwaśniewska K.: Jak pisać prace dyplomowe (wskazówki praktyczne). Bydgoszcz, Wyd. KPSW, 2005.

Result of average student's workload

Activity	Time (working hours)
1. Preparation for the activities	1
2. Attendance in the seminar activities	15
3. Preparation of the presentation	3
4. Consultations	1
Student's workload	
Source of workload	hours
Source of workload	ECTS
Total workload	20
	15

Contact hours	16	12
Practical activities	3	1