

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Passing Project		Code 1010631361010630466
Field of study Transport	Profile of study (general academic, practical) (brak)	Year /Semester 3 / 6
Elective path/specialty Engineering of Pipeline 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: 4		No. of credits 5
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 %) 5 100% 5 100%
Responsible for subject / lecturer: prof. dr hab. inż. Michał Ciałkowski email: michal.cialkowski@put.poznan.pl tel. 61 665 2205 Faculty of Transport Engineering ul. Piotrowo 3 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has a basic knowledge in the field of his interim project. [PRK4]
2	Skills	Student is able to use the chosen text editor and is able to use correctly the language of the interim project as well. [PRK4]
3	Social competencies	Student is aware of sense and gravity of written scientific studies. [PRK4]
Assumptions and objectives of the course: Study?s accomplishment in a written form to the given topic according to general valid rules.		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. General rules? knowledge required by creating of scientific studies in a written form, advanced knowledge of the topic presented in the study, knowledge of rules applied by presentation of scientific studies. - [K1A_W01; K1A_W25]		
Skills: 1. Accomplishment and presentation of written scientific study to the given topic according to applicable rules. - [K1A_U01]		
Social competencies: 1. Awareness of necessity to follow the applicable rules while creating a scientific study. - [K1A_K01]		
Assessment methods of study outcomes		
1. Evaluation of the way how the interim project was presented by the community of dean group.		
2. Content-related, methodological and editorial evaluation of the interim project.		
Course description		
1. Decision in a matter of exact topic and title of the study (interim project) as well as defining of it?s essential scope, pointing to possible sources of literature, discussing the timetable of interim project?s accomplishment, questions, remarks, suggestions.		

<p>2. Individual discussion with a student about the draft of the project, collected materials, draft acceptance by the lecturer.</p> <p>3. The most important rules by writing of scientific studies related to study? structure, entry of literature, figures? and tables description, editorial directives etc.</p> <p>4. The most important rules by project presentation.</p> <p>5. Handing over of interim projects and a short presentation of each project by the group.</p> <p>6. Individual discussion about the corrected and evaluated project.</p>		
<p>Basic bibliography:</p> <p>1. Opoka E.: Uwagi o pisaniu i redagowaniu prac na studiach technicznych. Gliwice, Wydawnictwo Politechniki Śląskiej, 2003.</p> <p>2. Bielec E., Bielec J.: Podręcznik pisania prac. Czy można prościej? Kraków, Wydawnictwo EJB, 2000.</p> <p>3. Lenar P.: Profesjonalna prezentacja multimedialna. Wydawnictwo Helion, 2010.</p>		
<p>Additional bibliography:</p> <p>1. Boć J.: Jak pisać pracę magisterską. Wrocław, Kolonia Limited, 2003.</p> <p>2. Urban S., Ładoński W.: Jak napisać dobrą pracę magisterską. Wrocław, Wydawnictwo Akademii Ekonomicznej im. Oskara Langego, 2003.</p>		
<p>Result of average student's workload</p>		
<p>Activity</p>	<p>Time (working hours)</p>	
<p>1. Preparation for classes</p> <p>2. Accomplishment of interim project</p> <p>3. Accomplishment of project presentation</p> <p>4. Consultation</p>	<p>40</p> <p>30</p> <p>20</p> <p>10</p>	
<p>Student's workload</p>		
<p>Source of workload</p>	<p>hours</p>	<p>ECTS</p>
Total workload	100	5
Contact hours	10	1
Practical activities	90	4