

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Transport Management</b>		Code <b>1010612321010620493</b>
Field of study <b>Transport</b>	Profile of study (general academic, practical) <b>general academic</b>	Year /Semester <b>1 / 2</b>
Elective path/specialty <b>Railway Transport</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>obligatory</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: <b>2</b> Classes: <b>1</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>3</b>
Status of the course in the study program (Basic, major, other) <b>other</b>		(university-wide, from another field) <b>university-wide</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>3 100%</b> <b>3 100%</b>
<b>Responsible for subject / lecturer:</b> prof. dr hab. inż. Franciszek Tomaszewski email: franciszek.tomaszewski@put.poznan.pl tel. (61) 665 25 70 Faculty of Transport Engineering ul. Piotrowo 3, 60-965 Poznań		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	knowledge of bases of organization and management
2	<b>Skills</b>	the analysis of phenomena occurring in transport, extraction and to draw conclusions
3	<b>Social competencies</b>	getting information from the literature, leading discussions and arguments
<b>Assumptions and objectives of the course:</b> Development of theoretical bases and knowledge of principles and methods of transport management		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b> 1. knows the economic, legal and other conditions of transport companies - [T2A_W08] 2. has basic knowledge of management / running a business and individual entrepreneurship - [T2A_W09]		
<b>Skills:</b> 1. can - when formulating and solving engineering tasks - integrate knowledge from various transport areas (and if necessary also knowledge from other scientific disciplines) and apply a systemic approach, also taking into account non-technical aspects - [T2A_U05]		
<b>Social competencies:</b>		
<b>Assessment methods of study outcomes</b>		
A written exam, a Colloquium loans		
<b>Course description</b>		
The concept and interpretation of transport management. The description of different types of transport. The essence of services and forwarding of cargo during transportation. Design of transport networks at an angle in space and in time. The definition of areas of operation. Design of transport networks for valuable ? evaluation of profitability of investments in		

<p>transport decisions. The cost estimates and location of transshipment centers. The cost of transport processes. Rates and tariffs for transportation. Ways to minimize transportation costs in logistics system.</p> <p>Definition of optimum time of replacement vehicle for a new, including depreciation. Documents during transportation national and international levels. Formula center</p> <p>INCOTERMS 2000. The use of index analysis inspection of transport processes. The concept of damages and claims, in transport. Methods and tools for assessing transport providers. The cost of transport services quality. Method QFD as a tool for improving the quality of transport services.</p>		
<p><b>Basic bibliography:</b></p> <p>1. Dembińska-Cyran I., Gubała M., Podstawy zarządzania transportem w przykładach. Instytut logistyki i magazynowania, Poznań 2003.</p> <p>2. Romanow P., Zarządzanie transportem przedsiębiorstw przemysłowych. Wyższa Szkoła Logistyki, Poznań 2003. Rydzikowski W., Wojewódzka-Król K.</p>		
<p><b>Additional bibliography:</b></p> <p>1. Rydzikowski W., Wojewódzka-Król K., Transport. Wydawnictwo Naukowe PWN, 2005.</p>		
<p><b>Result of average student's workload</b></p>		
<p><b>Activity</b></p>	<p><b>Time (working hours)</b></p>	
1. Preparation for the performance	1	
2. Participation in lectures	30	
3. Fixing the contents of the lectures	4	
4. Consultations, lectures	1	
5. Exam preparation	10	
6. Participation in the exam	1	
7. Preparing for exercises	4	
8. Part in the exercises	15	
9. Fixing the contents of physical exercises	4	
10. Consultations for physical exercises	1	
11. Preparation of set-off	10	
12. Participation in success	1	
<p><b>Student's workload</b></p>		
<p><b>Source of workload</b></p>	<p><b>hours</b></p>	<p><b>ECTS</b></p>
Total workload	82	3
Contact hours	49	2
Practical activities	32	1