# Poznan University of Technology Faculty of Transport Engineering

Field of study  Transport  Fledicum path/specialty  Road Transport  Road Transport  Form of study (full-steer dir. polish path path path path path path path pat	STUDY MODULE DESCRIPTION FORM								
Profile of study   Profile of study   General academic   Year / Semester (general academic   Profile of study (general a									
Transport   General academic practical)   General academic   General academic   General academic   General academic   General academic   General academic   Subject Offered in:   Course (computsory, elective path/specially   Subject Offered in:   Course (computsory, elective path/specially   General academic   Subject Offered in:   Course (computsory, elective path/specially   General academic   General acad	(-)			1010612311010619089					
Elective path/specialty  Road Transport  Road Transport  Second-cycle studies  No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 120  Status of the course in the study program (Basic, major, other)  other  Unriversity-wide, from another field)  unriversity-wide  Education areas and fields of science and art  technical sciences  Responsible for subject / lecturer:  DEng. Andrzej Ziólkowski  email: andrzej, żiólkowski  email: andrzej, żiólkowski  email: andrzej, żiólkowski  politory ostr. 3, 69-958 Poznan  Prerequisites in terms of knowledge, skills and social competencies:  1 Knowledge  Knowledge  The student has knowledge of the current rules for the implementation of internships. He issues covered by the study program. Has knowledge of the functioning of modern transport, particular: engineering of transport means, traffic engineering and analysis of transport systems.  2 Skills  The student has the ability to creatively use the knowledge acquired during first-cycle studies and can make a verbal presentation of the results of his work.  The student has the ability to creatively use the knowledge acquired during first-cycle studies and importance of the workplace in the context of application of knowledge and skills acquired during studies in practice. Familiarizing the student with reality, spling new professional experience in real working conditions. Practical application of knowledge and place deep professional practice - [K2A, W10]  The student should have knowledge of the tasks being perform	Field of study				Year /Semester				
Subject offered in: Polish   Course (compulsory, elective polish)	Transport				1/1				
Second-cycle studies  No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 120  Assus of the course in the study program (Basic, major, other) other  cother  Ciducation areas and fields of science and art  technical sciences  Responsible for subject / lecturer:  DEng. Andrzej Ziolkowski (Bput.poznan.pl  tel. +48 61 665-20-04  of Transport Engineering  Piotrowo str. 3, 60-965 Poznan  Prerequisites in terms of knowledge, skills and social competencies:  The student has knowledge of the current rules for their passing, Has basic knowledge of the fissues overed by the study program, Has knowledge of the functioning of modern transport a systems.  Skills  The student has the ability to creatively use the knowledge acquired during first-cycle studies  Assumptions and objectives of the course:  Verification of the theoretical knowledge possessed by the study program, Has knowledge acquired during first-cycle studies and cam make a verbal presentation of the theoretical knowledge and skills acquired funite practice. Familiarizing the student with realities of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreso and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreso and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreson and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreson and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreson and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreson and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpreson and importance of the workplace in the context of applicable law, the hierarchy of the service, busine		-			Course (compulsory, elective)				
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No. of hours Lecture: Classes: - Laboratory: - Project/seminars: 120  No. of credits  tother  Cuniversity-wide, from another field)  Conversity-wide, from another field)  Conversity-wide  ECTS distribution (number and %)  A 100%  Responsible for subject / lecturer:  DEng, Andrzej Zidikowski email: andrzej, izoikowski @put.poznan.pl tel. +48 61 665-22-04 of Transport Engineering Piotrowo str. 3, 60-965 Poznan  Prerequisites in terms of knowledge, skills and social competencies  I Knowledge  Knowledge  The student has knowledge of the current rules for the implementation of internships. He knows the rules of practice and the conditions for their passing, Has basic knowledge of the hours and can make a verbal presentation of the results of his work.  Skills  Social competencies  Assumptions and objectives of the course:  Assumptions and objectives of the course:  Verification of the theoretical knowledge possessed by the student with reality, gaining new professional experience in real working conditions. Practical application of knowledge and importance of the workplace in the context of application of the results of his work.  Study outcomes and reference to the educational results for a field of study  Knowledge:  1. The student has the ability to creatively use the knowledge acquired during first-cycle studies of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpretation of the results of his work.  Assumptions and objectives of the course:  Study outcomes and reference to the educational results for a field of study  Knowledge:  1. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W10]  3. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W10]  4. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W10]  5. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W12]  6. Th	Cycle of	f study:		Form of study (full-time,part-time)	orm of study (full-time,part-time)				
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Status of the course in the study program (Basic, major, other)  other  (university-wide, from another field)  other  (university-wide, from another field)  control of statistic distribution (number and %)  and %)  Responsible for subject / lecturer:  DEng, Andrzej Zidikowski email: andrzej, ziolkowski gput,poznan.pl tel. +48 61 665-20-04 of Transport Engineering Piotrowo str. 3, 60-965 Poznań  Prerequisites in terms of knowledge, skills and social competencies:  1 Knowledge  The student has knowledge of the current rules for the implementation of internships. He knows the rules of practice and the conditions for their passing. Has basic knowledge of the issues covered by the study program. Has knowledge acquired during first-cycle studies competencies:  2 Skills  The student has the ability to creatively use the knowledge acquired during first-cycle studies competencies  Assumptions and objectivees of the course:  Verification of the theoretical knowledge possessed by the student with reality, gaining new professional experience in real working conditions. Practical application of knowledge and skills acquired during studies in practice. Familiarizing the student with the realities of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpersor relationships, learning to analyze and choose good practices (especially duty, loyalty to the parent company, responsibility in the professional practice - [K2A_W05]  2. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W10]  3. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W11]  5. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W12]  6. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W12]  7. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W12]  8. The student should have	No. of h	ours			No. of credits				
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technical sciences  Responsible for subject / lecturer:  DEng. Andrzej Ziółkowski email: andrzej j.ziołkowski@put.poznan.pl tel. +48 61 665-20-04 of Transport Engineering Piotrowo str. 3, 60-965 Poznań  Prerequisites in terms of knowledge, skills and social competencies:  The student has knowledge of the current rules for the implementation of internships. He knows the rules of practice and the conditions for their passing. Has basic knowledge of the issues covered by the study program. Has knowledge of the functioning of modern transport, particular: engineering of transport means, traffic engineering and analysis of transport systems.  Skills  Social competencies  The student has the ability to creatively use the knowledge acquired during first-cycle studies occupated by the study program. Has knowledge acquired during first-cycle studies and can make a verbal presentation of the results of his work.  Social competencies  Assumptions and objectives of the course:  Verification of the theoretical knowledge possessed by the student with reality, gaining new professional experience in real working ordinish. Practical application of knowledge and skills acquired during studies in practice. Familiarizing the stude with the realities of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpersor tetalionships, learning to analyze and choose good practices (especially duty, loyalty to the parent company, responsibility, sense of identity, self-esteem, etc.) useful in a future life, especially in the professional sphere. An attempt to assess the rola and importance of the workplace in the economy and life of the local community and to gain by the student experience in the labor market  Study outcomes and reference to the educational results for a field of study  Knowledge:  1. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W09]  3. The student should have knowledge of the tasks being performed on the professional pract			other	univer	sity-wide				
Responsible for subject / lecturer:  DEng. Andrzej Ziółkowski emaii: andrzej. Ziółkowski emaii: jedrzej. Kasprzak @put.poznan.pl tel. +48 61 665-20-04 of Transport Engineering piotrowo str. 3, 60-965 Poznań  Prerequisites in terms of knowledge, skills and social competencies:  1 Knowledge The student has knowledge of the current rules for the implementation of internships. He knows the rules of practice and the conditions for their passing. Has basic knowledge of the issues covered by the study program. Has knowledge of the functioning of modern transport, particular: engineering of transport means, traffic engineering and analysis of transport systems.  2 Skills The student has the ability to creatively use the knowledge acquired during first-cycle studies  3 Social competencies The student is able to work in a working group. He is able to make a fair division of tasks in a group in a transparaent way. He can correctly interpret and perform the tasks he has been give and can make a verbal presentation of the results of his work.  Assumptions and objectives of the course:  Verification of the theoretical knowledge possessed by the student with reality, gaining new professional experience in real working conditions. Practical application of knowledge and skills acquired during studies in practice. Familiarizing the stude with the realities of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interperso and importance of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interperso and importance of the workplace in the economy and life of the local community and to gain by the student experience in the labor market  Study outcomes and reference to the educational results for a field of study  Knowledge:  1. The student should have knowledge of the tasks being performed on the professional p	Educati	on areas and fields of sci	ence and art						
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working conditions. Practical application of knowledge and skills acquired during studies in practice. Familiarizing the stude with the realities of the workplace in the context of applicable law, the hierarchy of the service, business secrets, interpersor relationships, learning to analyze and choose good practices (especially duty, loyalty to the parent company, responsibility, sense of identity, self-esteem, etc.) useful in a future life, especially in the professional sphere. An attempt to assess the role and importance of the workplace in the economy and life of the local community and to gain by the student experience in the labor market  Study outcomes and reference to the educational results for a field of study  Knowledge:  1. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W05]  2. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W09]  3. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W10]  4. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W11]  5. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W12]  6. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W14]  7. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W20]  8. The student should have knowledge of the tasks being performed on the professional practice - [K2A_W22]  Skills:	Assumptions and objectives of the course:								
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Skills:									
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2. The student is able to use the knowledge acquired in the current course of studies in a practical way - [K2A_U02]			- ·						
3. The student is able to use the knowledge acquired in the current course of studies in a practical way - [K2A_U08]			= :						

# Faculty of Transport Engineering

#### Social competencies:

- 1. Is aware of the importance of knowledge in solving various social and technical problems in the workplace [K2A\_K01]
- 2. Is aware of the importance of knowledge in solving various social and technical problems in the workplace [K2A\_K02]
- 3. Is aware of the importance of knowledge in solving various social and technical problems in the workplace [K2A\_K04]
- 4. Is aware of the importance of knowledge in solving various social and technical problems in the workplace [K2A\_K05]
- 5. Is aware of the importance of knowledge in solving various social and technical problems in the workplace [K2A\_K06]

## Assessment methods of study outcomes

Assessment of practices on the basis of a report on the implementation of practices, certified by the company, assessment of the supervisor of the company's practices. The possibility of passing professional work on the professional practice (condition of program compliance)

#### **Course description**

Getting to know the functioning of production or service enterprises implementing logistics activities (including in particular transport) for their own use (on their own or externally) or providing logistics services to third parties, companies giving the opportunity to familiarize themselves with the basic logistics issues (in especially transport), such as:

- ? construction and operation of transport means (knowledge of modern propulsion systems, diagnostics of drive systems, technical condition control),
- ? transport (transport process, technology, documentation, legal regulations as well as organization and management of transport),
- ? forwarding (forwarding process, documentation, legal regulations and contact with carriers),
- ? storage (handling and storage process, technology, documentation, legal regulations as well as organization and management of warehouse and inventory),
- ? logistics (including supply and distribution logistics, possibly production),
- ? rolling stock (especially truck, but also personal transport used in business operations, management and sale, use and maintenance process),
- ? loads (types, methods of preparation for transport, loading and securing on a vehicle),
- ? and other related issues.

## Basic bibliography:

# Additional bibliography:

### Result of average student's workload

Activity	Time (working hours)
Taking up professional practice in an enterprise with a profile consistent with the field of education     Transport	120

#### Student's workload

Source of workload	hours	ECTS		
Total workload	120	3		
Contact hours	1	0		
Practical activities	119	3		