



Państwowa Wyższa Szkoła Zawodowa  
im. H. Cegielskiego w Gnieźnie

**Institute of Management and  
Transport**

Name of modules	Code
<b>Forwarding and logistics services</b>	

<b>COURSE DESCRIPTION CARD</b>		
Field of study: <b>Transport</b>	Field of study: <b>Transport</b>	Field of study: <b>Transport</b>
Specialization: <b>Logistics and transport technology</b>	Subject offered in: <b>Polish</b>	ECTS <b>3</b>
Cycle of studies: <b>first</b>	Field of studies: <b>technical sciences</b>	
Status of subject in curriculum (basic, specialized, other)		
Status of subject in curriculum (basic, specialized, other) <b>basic</b>	(general academic, from other department) <b>general academic</b>	
Lecturer in charge of the subject: dr Paweł Romanow e-mail: <a href="mailto:pawel.romanow@wsl.com.pl">pawel.romanow@wsl.com.pl</a>	Unit providing the training: Institute of Management and Transport	
<b>Initial requirements in knowledge, skills, social competences:</b>		
1	<b>Knowledge:</b>	Has basic knowledge in the field of freight forwarding and logistics.
2	<b>Skills:</b>	Is able to integrate the obtained information in the field of logistics management and operation of the TS sector, interpret and draw conclusions from them and create and justify own opinions.
3	<b>Social competences:</b>	He understands the need and knows the possibilities of continuous training, as well as the need to efficiently and efficiently carry out transport in order to gain a competitive advantage or better meet the needs of customers.
<b>The aim of the subject:</b> The aim of the classes is to provide students with knowledge in the field of forwarding and functioning of the logistics services market. Students will also acquire skills that will enable them to properly complete their consignments, complete the documents necessary to carry out the transport of a given cargo, and, based on the adopted criteria, select the operator of logistic services.		
<b>Training outcomes</b>		
<b>Knowledge:</b> As a result of the training course a student is able to:		Reference to field-related training outcomes
1	Defines key concepts in the field of logistics. It determines the factors of transport production and can organize transport of various loads.	T1P_W04 T1P_W07 T1P_W09

2	It lists and defines loading, storage, material and information flows in the value system for the evaluation of variants of designed warehouses, as well as in the field of automation of transport and storage processes.	T1P_W03 T1P_W04 T1P_W07 InzP_W05
3	Defines key concepts for intermodal transport. It describes its functioning and explains the role of intermodal transport in modern transport systems.	TIP_W02 TIP_W04 TIP_W07 InzP_W02
<b>Skills:</b> As a result of the training course a student is able to:		Reference to field-related training
1	Use acquired mathematical theories to create and analyze simple models of transport and logistics systems	T1P_U09 InzP_U02
2	Develop material flow charts in the warehouse, select the most appropriate equipment and means of transport, and evaluate the project.	T1P_U12 T1P_U13 T1P_U14 InzP_U04 InzP_U05 InzP_U06
3	Organize transport of cargo and carry out an economic account in transport. Take up and manage a transport company.	T1P_U12 InzP_U04
<b>Competences:</b> As a result of the training course a student is able to:		Reference to field-related training
1	He is aware of the need for continuous training. He understands the social role of a technical university graduate.	T1P_K01 T1P_K07 InzP_K01
2	Is aware of the importance of behavior in a professional manner, adherence to the principles of professional ethics and respect for diversity of cultures.	T1P_K03 T1P_K04 InzP_K01
3	He is creative and enterprising.	T1P_K06 InzP_K02

**Assumed grading methods**

**Lecture:** written exam - checking knowledge,

**Exercises:** assessment of the activity and problems and tasks solved individual and in groups during classes; • written colloquium - checking knowledge and skills to solve specific tasks

**Programme content**

1. The concept of forwarding, forwarder and activities performed by him
2. INCOTERMS, COMBITERMS and RAFTD formulas
3. Road forwarding
4. Railway forwarding
5. Sea forwarding
6. Air forwarding
7. The logistics services market and logistics operators
8. Transportation exchanges
9. Logistics centers

**Main bibliography:**

1. P.M. Sikorski: Spedycja w praktyce XXI w. Polskie Wydawnictwo Transportowe, Warszawa, 2008
2. W. Rydzkowski (red.): Usługi logistyczne. Teoria i praktyka. ILIM, Poznań 2011

**Supplementary bibliography:**

1. A.M. Jeszka: Sektor usług logistycznych w teorii i praktyce. Difin, Warszawa 2009
2. D. Marciniak-Neider (red.), J. Neider (red.): Podręcznik spedytora. Polska Izba Spedycji i Logistyki, Gdynia 2006

**Student's involvement**

Studies	full-time studies		part-time study	
	hours	ECTS	hours	ECTS
Total number of hours	90	3	90	3
Hours requiring direct contact with a lecturer	50	2	40	2
Practical classes	0	0	0	0
Activities requiring self-studying	40	1	50	1