Faculty of Working Machines and Transportation

		STUDY MODULE D	ESCRIPTION FORM			
	the module/subject			Code 010621221010910389		
Field of	study		Profile of study (general academic, practical)	Year /Semester		
Tran	sport		(brak)	1/2		
Elective	path/specialty Air	craft Transport	Subject offered in: Polish	Course (compulsory, elective) obligatory		
Cycle of	study:		Form of study (full-time,part-time)	•		
Second-cycle studies			full-time			
No. of h	ours			No. of credits		
Lectur	e: - Classes	s: 2 Laboratory: -	Project/seminars:	. 2		
Status o	f the course in the study	program (Basic, major, other)	(university-wide, from another fie	ld)		
	((brak)	(1	orak)		
Education areas and fields of science and art				ECTS distribution (number and %)		
technical sciences				2 100%		
Resp	onsible for subje	ect / lecturer:		l		
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	iotrowo 3a, 60-965 Po	•				
Prere	quisites in term	s of knowledge, skills and	d social competencies:			
1	Knowledge	The already acquired language of	competence compatible with leve	el B1 (CEFR)		
2	Skills	The ability to use vocabulary and graduation exam with regard to p		d on the high school		
3	Social competencies	The ability to work individually an and reference works.	nd in a group; the ability to use v	arious sources of information		

Assumptions and objectives of the course:

- 1. Advancing students? language competence towards at least level B2 (CEFR).
- 2. Development of the ability to use academic and field specific language effectively in both receptive and productive language skills.
- 3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques).
- 4. Improving the ability to function effectively on an international market and on a daily basis.

Study outcomes and reference to the educational results for a field of study

Knowledge:

- 1. As a result of the course, the student ought to acquire field specific vocabulary related to the Mathematics, describing graphs [-]
- 2. As a result of the course, the student ought to acquire field specific vocabulary related to the History of transport; The role and function of transport and planning and organization of transport [-]
- 3. As a result of the course, the student ought to acquire field specific vocabulary related to the Means of transport (special vehicles) [-]
- 4. As a result of the course, the student ought to acquire field specific vocabulary related to the Logistics [-]
- 5. As a result of the course, the student ought to acquire field specific vocabulary related to define and explain associated terms, phenomena and processes. [-]

Skills

- 1. student is able to give a talk on field specific or popular science topic (in English), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire [-]
- 2. student is able to express basic mathematical formulas and to interpret data presented on graphs/diagrams [-]
- 3. student is able to conduct business correspondence in English [-]

Social competencies:

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- 1. As a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in English. [-]
- 2. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment. [-]

Assessment methods of study outcomes

Presentation

Written test

Course description

The introduction and expansion of vocabulary related to engineering (branches of engineering), transport (history of transport, its development, function of transport and its branches, transportation and economics (time gap / gap geographical, empty leg), different means of transport (examples of various vehicles classified according to the goods transported in them (different requirements concerning the conditions of carriage, such as transporting fresh produce - refrigerators, fuel - tankers, etc.), fixing of goods, packaging)) and logistics (definition of logistics in transportation, the role of a logistician, logistics and warehousing, distribution, transportation and information technology, logistics in international companies and corporations, international production). Moreover, discussion of other topics related to transport - planning the transport of passengers and goods, the differences and similarities, requirements, law, security measures and functions of the terminals. Types of transport: road, rail, combined, etc. - the characteristics and requirements of different types of transportation, their advantages and disadvantages, legal requirements, on the basis of specific companies and their products; rapid transportation and distribution of goods (the definition of the basic issues concerning the above mentioned topic, distribution methods, efficiency, overcoming obstacles, customer requirements); transport and environmental protection (development of transport and the resulting problems connected with of air and water pollution, etc. (emission of harmful gases, leaking tankers), regulations concerning the protection of the environment in transport, how to prevent problems, the EU Guidelines)).

Furthermore, the introduction of issues related to mathematics (addition, subtraction, multiplication, division, root, power, geometric shapes, etc.) and graphs (different type of charts such as line, bar, pie, etc., describing trends). Developing communication skills in business situations such as giving presentations, making phone calls and leading business meetings in English. Expanding the ability to create business correspondence - CV, job application, letter of complaint, report; learning about the latest developments in the field of transport (scientific materials in English) and developing skills concerning processes description.

Basic bibliography:

- 1. English for Logistics, M. Grussendorf (EfL)
- 2. Logistics Management (Market Leader), A. Pilbeam, N. O?Driscoll (LM)
- 3. My Logistics, A. Matulewska, M. Matulewski (ML)
- 4. Transport & Logistics, M. Bednarska-Wnęk, A. Kwiecińska (TL)

Additional bibliography:

- 1. Angielski w technice, B. Hanf (Pons)
- 2. Cambridge English for Engineering, Mark Ibbotson (CEE)
- 3. English for Science and Engineering, Ivor Williams (ESE)
- 4. International Express L.Taylor (I.E.)
- 5. Technical English 2, David Bonamy (TE)

Result of average student's workload

Activity	Time (working hours)
Participation in lectures	60
2. Office hours	2
3. Preparation for the final test	10
4. Participation in the final test	2

Student's workload

Source of workload	hours	ECTS		
Total workload	60	2		
Contact hours	30	1		
Practical activities	30	1		