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[K1A_K07]

	STUDY MODULE DE	SCRIPTION FORM	1		
Name of the module/subject		LOCKII HON I OKIV	Cod		
Logistic engineering	9	Ī	10	11101341011119862	
Field of study		Profile of study (general academic, practic	cal)	Year /Semester	
Logistics - Full-time	studies - First-cycle studie			2/4	
Elective path/specialty	-	Subject offered in: Polish		Course (compulsory, elective) elective	
Cycle of study:		Form of study (full-time,part-tin	ne)		
First-cy	cle studies	full-time		e	
No. of hours				No. of credits	
Lecture: 15 Classe	es: - Laboratory: -	Project/seminars:	15	5	
Status of the course in the stud		(university-wide, from anoth	,		
	other	un	iversi	ty-wide	
Education areas and fields of so	cience and art			ECTS distribution (number and %)	
technical sciences				5 100%	
Technical sci	ences			5 100%	
ul. Strzelecka 11, 60-965 Prerequisites in terr	ns of knowledge, skills and		es:		
1 Knowledge	The student has knowledge of the	e subject of logistics.			
2 Skills	The student has the skills in the s	e subject of logistics.			
3 Social competencies	The student has social competen	ces in the field of logistics.			
Assumptions and ob	jectives of the course:				
Mastering the knowledge, s student.	kills and social competences associ	ated with the applications o	f logist	ic engineering by the	
Study outco	omes and reference to the	educational results f	or a f	ield of study	
Knowledge:					
1. knows the basic relations	hips characteristic for the application	ns of logistic engineering (T	T1A_W	03) - [K1A_W14]	
	phenomena characteristic for the fun	0 0	٠.		
	a characteristic for the functioning of	logistic engineering application	ations -	- [K1A_W17]	
Skills:					
	t the process of needs analysis in lo the right tools and methods of analy	• • • • • • • • • • • • • • • • • • • •	-	-	
or our accigir a regiones cy	stem using the right methods and te	chniques using logistic eng	<u>inee</u> rin	g - [K1A_U16]	
Social competencies		chniques using logistic eng	ineerin	g - [K1A_U16]	

2. Responsible for correct identification and resolution of dilemmas related to the functioning of the logistics system -

3. The student is able to plan and manage in an entrepreneurial manner as part of a logistics system - [K1A_K06]

Faculty of Engineering Management

Assessment methods of study outcomes

Forming rating

- a) project based on a discussion on solutions that he wants to propose as part of the project
- b) the lecture based on the answers to questions about the material discussed in the previous lecture

Summary rating

- in the scope of the project
- a) on the basis of a public presentation of the project results and discussions on them,
- b) on the basis of the substantive quality of the prepared project

in the lecture-based on the pass (exam)

Course description

Logistics systems. Logistics processes. Logistic system and logistics process as a subject of design. The stages of logistics development. A place of logistic engineering in the development of logistics. Methodological basis of logistic engineering. Planning in logistics. Information exchange in logistic systems.

Teaching methods:

conventional monographic lecture,

project: team project, work with literature

Basic bibliography:

- 1. Blanchard B., Logistics engineering and management, Prentice-Hall, Inc., Englewood Cliffs, New Jersey 1992
- 2. Fertsch M. (red)., Elementy inżynierii logistycznej, Wydawnictwo ILiM, Poznań, 2017
- 3. Blanchard B.S., Logistics as an Integrating System's Function, [in:] Don Taylor G. (red.)., Introduction to Logistics Engineering, CRC Press, Boca Raton, FL, 2009
- 4. Coyle J.L., Bardi E. J., Langley C.J.Jr., Zarządzanie logistyczne, Polskie Wydawnictwo Ekonomiczne, Warszawa, 2002

Additional bibliography:

- 1. Pfohl H.- Ch., Systemy logistyczne. Podstawy organizacji i zarządzania. Wydawnictwo ILiM, Poznań, 2002.
- 2. Don Taylor G., Introduction to logistics Engineering, CRC Press, Taylor& Francis Group, Boca Raton, London, New York, 2009

Result of average student's workload

Activity	Time (working hours)
1. Lectures	15
2. Project	15
3. Consultation	25
4. Own work	30
5. The exam	5
6. Literature studying	20
7. Preparation to the classes	15

Student's workload

Source of workload	houre	ECTS
Source of workload	hours	ECIS
Total workload	125	5
Contact hours	60	2
Practical activities	15	1