STUDY MODULE DESCRIPTION FORM

Name of the module/subject	Code
Logistics process planning	**1011104451011112978**

Field of study	Profile of study (general academic, practical)	Year /Semester
Logistics - Part-time studies - First-cycle	**general academic**	**3 / 5**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
-	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
First-cycle studies	**part-time**

No. of hours	No. of credits
Lecture: **16** Classes: **-** Laboratory: **14** Project/seminars: **-**	**5**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
other	**university-wide**

Education areas and fields of science and art	ECTS distribution (number and %)

Responsible for subject / lecturer:

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Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student knows the basic concepts of the fundamentals of management, logistics bases, basic computer, basic inventory management, basic operational and supply chain understand the mechanisms of management,
2	**Skills**	Student has the ability to perceive, to associate and interpret phenomena in organizations can take advantage of the fundamental technologies for the management
3	**Social competencies**	Student is aware of the consequences of their decisions and is prepared to take on social responsibility for decisions

Assumptions and objectives of the course:

Obtain the skills and competencies in the design of logistics processes and management.

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

Knowledge:

1. Student can define the purpose and scope, which includes the design of logistics processes, know how to identify basic relations existing in the design process - [K1A_W14]
2. Student is able to explain the basic concepts, including the design of logistics processes - [K1A_W15]
3. Student is able to recognize the basic phenomena, including process design - [K1A_W16]
4. Has knowledge of available simulation packages - [K1A_W17]
5. Has knowledge of the methods and techniques of process improvement - [K1A_W18]
6. He has knowledge of modern trends in process design - [K1A_W19]
7. Knows the concept design review processes using simulation experiments - [K1A_W20]
8. He knows the process mapping tools - [K1A_W23]

Skills:

1. can search based on the literature of the subject and other sources and in an orderly way present information about the problem within the framework of logistics and its specific issues. - [K1A_U01]
2. can present the problem within the framework of logistics and its specific issues (inventory management, distribution logistics, production and supply logistics, operations logistics, environmental management) and supply chain management. - [K1A_U02]
3. He can prepare and present an oral presentation on specific issues in the field of logistics in Polish and foreign languages. - [K1A_U04]
4. Can design process analysis in the consideration of the problem and formulate the problem as a task object design (engineering). - [K1A_U05]
5. Can identify the attributes of processes and select the correct meters processes for the future management - [K1A_U08]
6. Can analyze and assess the scope and need for simulation techniques in the design of logistics processes and to interpret and verify the results obtained from simulation experiments - [K1A_U09]
7. is able to assess economically the chosen problem, within the framework of logistics and its specific issues (inventory management, distribution logistics, production and supply logistics - [K1A_U12]
8. can perform critical analysis on the logistics problem and its specific issues (inventory management, distribution logistics, production and supply logistics - [K1A_U13]
9. Can choose the appropriate tools and methods to solve the problem of logistics processes and design using appropriate methods and techniques of the logistical process - [K1A_U16]

Social competencies:

1. Student is willing to cooperate and work in groups on problems related to the design of logistics processes - [K1A_K03]
2. He can see cause-and-effect relationships in the implementation of the set objectives and range an importance tasks during the implementation of projects of simulation - [K1A_K04]

Assessment methods of study outcomes

- Examination + Credit simulation project performed in the laboratory, credit of project made in the enterprise

Course description

- Orientation functional and process in business management. Process approach. Definition and classification of generic processes. Models and standardization of processes. Process mapping. Designing and implementing process changes. Methods and techniques of process improvement. Managing processes. The nature and objectives of management processes. Methodology for process management. The implementation of the process approach in the company. Forms of organization of the process in the company. Methodology for process management.

Basic bibliography:

1. Logistics An Introduction to Supply Chain Management, Waters. D., Palgrave Macmillan, 2003
2. Reengineering, Reformowanie procesów biznesowych w przedsiębiorstwie,, Pacholski, L., Cempel, W., Pawlewski P., WPP, Poznań, 2009
3. Procesy i projekty logistyczne, Nowosielski S. (red.) , Wyd.UE , Wrocław, 2008
4. Budowa modelu przepływu procesu, (skrypt elektr.) , Pawlewski P., IIZ Poznań 2009
5. Wróbel G. Podstawy symulacji Flexsim 5, Materiały szkoleniowe, Cempel Consulting 2012

Additional bibliography:

1. Zarządzanie logistyczne, Coyle J.J., Bardi E.J.,Langley Jr.C.J., PWE, 2002
2. Wprowadzenie do zarządzania operacjami i łańcuchem dostaw, Bozarth, C., Handfield, R.B., Helion, 2007

Result of average student's workload

Activity	Time (working hours)
1. Lectures	16
2. Laboratory	14
3. Consultation	20
4. Preparing for classes	20
5. Independent student work	28
6. exam	2

Student's workload

Source of workload	hours	ECTS
Total workload	125	5
Contact hours	50	4

Practical activities	14	1