STUDY MODULE DESCRIPTION FORM

Name of the module/subject	Code
Logistics process planning	**1011101461011112978**

Field of study	Profile of study (general academic, practical)	Year /Semester
Logistics - Full-time studies - First-cycle studies	**(brak)**	**3 / 6**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
-	**Polish**	**obligatory**

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

No. of hours	No. of credits
Lecture: **-** Classes: **-** Laboratory: **-** Project/seminars: **30**	**4**

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

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

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. Knows the concept design review processes using simulation experiments - [K1A_W20]

Skills:

1. . Can design process analysis in the consideration of the problem and formulate the problem as a task object design (engineering). - [K1A_U05]
2. 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]
3. 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]
4. Can identify the attributes of processes and select the correct meters processes for the future management - [K1A_U08]

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. Beaverstock M., Greenwood A., Lavery E., Nordgren W. Applied Simulation, Flexsim Software Products, 2011
6. Wróbel G. Podstawy symulacji Flexsim 5, Materiały szkoleniowe, Cempel Consulting 2012
7. Zarządzanie logistyczne, Coyle J.J., Bardi E.J.,Langley Jr.C.J., PWE, 2002

Additional bibliography:

1. 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. project	30
2. consultation	30
3. preparing for class	15
4. independent student work	15
5. project evaluation	10

Student's workload

Source of workload	hours	ECTS
Total workload	100	4
Contact hours	70	3
Practical activities	30	1