

COURE GUIDE

<u>Subject name</u>	Logistics in production
<u>Course of study</u>	Management and Production Engineering
<u>The form of study</u>	Full time
<u>Level of qualification</u>	I
<u>Year</u>	II
<u>Semester</u>	IV
<u>The implementing entity</u>	Institute of Engineering Production
<u>The person responsible for preparing</u>	Jerzy Szkutnik
<u>Profile</u>	General academic
<u>Course type</u>	Directional
<u>ECTS points</u>	3

TECHNINING METHODS – NUMBER OF HOURS PER SEMESTER

LECTURE	CLASS	LABORATORY	PROJECT	SEMINAR
15	15			-

COURSE AIM

- C1. Delivery to students knowledge from the range of the operating organizations economic
- C2. Delivery to students basic knowledge from the domain of logistic conditionings of production processes
- C3. Obtaining by students practical skills in the logistic management of manufacturing processes with particular reference their efficiencies and effectivities

ENTRY REQUIREMENTS FOR KNOWLEGE, SKILLS AND OTHER COMPETENCE

1. Knowledge of management bases.
2. Knowledge of the management of production and services processes.
3. Knowledge from of quality management.
4. Ability of independent and group student work.
5. Ability of use from literature sources and internet resources.

LEARNING OUTCOMES

EK 1 - Student characterizes basic conceptions concerning of the business management.

EK 2 - Student based on accessible literature can individually find and discuss about structure of the organization and its processes - particular of logistic problems.

EK 3 - Student possesses skill of solution analysis and can formulate proposals of changes in organization, can elaborate exemplary strategy for enterprise and to indicate essential decisions for realization.

COURSE CONTENT

Type of teaching – LECTURES 15 HOURS	Number of hours
W 1, W 2 - Modern conceptions of the business management.	2
W 3, W 4 - General problems from of the logistics management.	2
W 5, W 6, W 7 - Process of management logistics.	3
W 8, W 9 - Organization of enterprise logistics.	2
W 10, W 11 – Information technology of logistics management	2
W 12, W 13 – Management quality of the enterprise production.	2
W 14, W 15 - Logistics as the component of the raising of enterprise effectivity in the sphere of manufacturing processes.	2
Type of teaching – CLASS 15 HOURS	Number of hours
C 1- Management features in definitions logistics	1
C 2 – Growth and development determinants of importance of logistics.	1
C 3, C 4 - General relativeness among expenditures and effects of logistics.	2
C 5, C 6 - Material flows in each spheres of the activity of industrial company.	2
C 7, C 8 - Processes of supply	2
C 9 , C 10 - Manufacturing processes	2
C 11, C 12- Distribution processes.	2
C 13 – Service of returns and processes of utilization.	1
C 14, C 15 - Planning and productive process control.	2

TEACHING TOOLS

1. Books and monographs
2. Audiovizual presentation

3. Case study
4. Visualization of logistics processes

WAYS OF ASSESSMENT (F – FORMATIVE, P – SUMMATIVE)

- F1. Evaluation of the implementation tasks in the classroom.
 F2. Observation of student`s work in classroom.
 P1. The lecture - final test (100 % estimations of credit from the lecture)
 P2. The class - evaluation - spoken answer; (50% estimations of credit from class)
 P3. Evaluation skills of resolution of basic problem- and extractions of conclusion and presentation – (50% estimations of credit from class.)

STUDENT WORKLOAD

Form of activity		Average number of hour for realization of the activity		
		[h]	ECTS	ECTS
Contact hour with teacher	LECTURE	15	0,66	1,29
Preparation for exam		12	0,73	
Contact hour with teacher	CLASS	15	0,66	0,93
Preparation for class		8	0,27	
Getting acquainted with the indicated literature		10	0,28	0,28
Participation in consultations		15	0,60	0,60
TOTAL NUMBER OF HOURS/ECTS POITS FOR THE COURSE		75	3	

BASIC AND SUPPEMENTARY RESOURCE MATERIALS

Basic resources:	
1.	Cole G.: Management theory and practice, London Thopson, 2004
2.	Randall H. L. :The Logistics Handbuch, Irwin, London, 2003
3.	Szkutnik J.: Logistic management of electrical energy distribution, Kosice 2005
4.	Potocan V., Nedelko Z.: Supply chain management and management tools, Pearson 2017
5.	Waters D.: Developing Global logistics, CRS Press, London 1998
Supplementary resources:	
1	Advanced logistic systems, Theory and practice, University of Miscolc, 2008
2	The role of business in achieving sustainability, Presov 2010
3.	Szczuka –Dorna L., Włodarkiewicz- Klimek: Intercultural awareness in Business Poznań 2010

TEACHERS (NAME, SURNAME, ADRES E-MAIL)

1. Prof.dr hab.inż Jerzy Szkutnik, prof.zw; szkutnik@el.pcz.czest.pl

MATRIX OF LEARNING OUTCOMES REALIZATION

Learning outcome	Reference of given outcome to outcomes defined for whole program	Course aims	Course content	Teaching tools	Ways of assessment
EK1	K_W01, K_W02, K_W05, K_U02, K_U04, K_U06, K_K01	C1, C2	W1, W2,	1, 3	F1,P1
EK2	K_W05, K_U01, K_U04, K_U07, K_U10, K_K02	C1,C2	W3, W4, W5, CLASS,C3,C4	2,3,4	F1,F2, P1,P2
EK3	K_W07, K_W09, K_U01, K_U04, K_U07, K_U10, K_K03	C3	W7 CLASS, C4, C9	2,3,4	F2, P2,P3

FORM OF ASSESSMENT – DETAILS

GRADE	RESULT
EK1	Student characterizes basic conceptions concerning on business management. 5
2	Student cannot quote basic notions concerning on the management
3	Student can define basic conceptions concerning on managements in enterprises
4	Student can define basic practical ideas in enterprises. Knows discuss on the subject these rules and to show best solutions.
5	Student can define basic practical ideas in enterprises. Knows to discuss on the subject these rules and show best solutions and motivate ones. Can show another than served on the lecture.
EK2	Student on the ground of accessible literature can individually find and talk over organization structure processes going with particular reference to logistics problems
2	Student cannot exchange the organizational enterprise structure
3	Student can quote the organizational enterprise structure
4	Student can exchange the organizational enterprise structure and give basic processes with details.
5	Student can exchange the organizational enterprise with detailed enterprise. He knows to discuss on the subject these problems and show the best solutions and argue one. Can show other than served on the lecture.
EK3	Student possesses skill of the analysis of occurrent solutions and can formulate proposals of changes in the organization, can direct exemplary strategy for the enterprise and evidence necessary decisions for realization.
2	Student cannot formulate the proposal of the change in the organization, cannot elaborate the example-strategy
3	Student can formulate the proposal of the change in the organization, can elaborate the

	example-strategy.
4	Student can formulate the proposal of the change in the organization and argue in details , can elaborate the exemplary strategy and argue in details.
5	Student can formulate the proposal of the change in the organization and argue in details, knows to discuss on the subject these problems and to show best solutions. Can show another than given on the lecture, can evidence optional solutions, given on the lecture.

ADDITIONAL USEFUL INFORMATION ABOUT THE COURSE

1. Information where presentation of classes, instruction, subjects of seminars can be found, etc. - information presented to students in class, if required by the formula classes are sent electronically to the e-mail addresses of individual dean groups - information can be found on the website of the department.
2. Information about the place of classes - - information can be found on the website of the department.
3. Information about the timing of classes (day of the week / time) - information can be found on the website of the department.
4. Information about the consultation (time + place) - are given to students for the first class, can be found on the website of the department.

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Signature