

Polish course name	EFEKTYWNOŚĆ FUNKCJONOWANIA ORGANIZACJI
English course name	THE EFFICIENCY OF THE ORGANIZATION'S FUNCTIONING
Course code	WIP-MDL-D1-TEOTO-06
Field of study	Materials design and logistics
Level of qualification	First degree
Form of study	Full-time
Semester	6
Number of ECTS points	3
Ways of assessment	colloquium

Number of hours per semester

Lecture	Seminar	Classes	Laboratory	Project
15		15		

TEACHERS:

Dr hab. inż. Rafał Prusak, prof. PCz.,

Dr inż. Edyta Kardas,

Dr inż. Monika Górską.

COURSE OBJECTIVES:

- › **C1** Providing students with knowledge about the effectiveness of the organization's functioning.
- › **C2** To acquaint students with the basic measures used to assess the effectiveness of the organization.
- › **C3** Acquiring by the student the ability to use the equivalent of measures to assess the effectiveness of the organization.

PRELIMINARY REQUIREMENTS FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCES:

1. Basic knowledge of economics and management and production processes.
2. Ability to work independently and in a group.
3. Ability to use literature sources and internet resources.

COURSE CONTENT

LECTURE

- › **L1, L2** Introduction to the issues of the effectiveness of the functioning of an organization.
- › **L3 - L5** Characteristics of various approaches to the analysis and evaluation of the effectiveness of the organization's functioning.
- › **L6 - L8** Methods of assessing the effectiveness of the organization's functioning
- › **L9 - L12** Methods of improving the effectiveness of the organization's functioning.
- › **L13** Instruments for measuring production efficiency.
- › **L14, L15** Methods and techniques of production organization used to improve the efficiency of the enterprise.

CLASSES

- › **C1, C2** Acquainting students with the rules of passing the course. Introduction to exercises.
- › **C3 - C8** Application of selected methods and tools to assess the functioning of an organization.
- › **C9, C10** Difficulties in measuring and assessing the effectiveness of the organization's functioning.
- › **C11 - C13** Efficiency improvement programs.
- › **C14, C15** Case study analysis and discussion.

BASIC REFERENCES

1. M. Bednarek: Doskonalenie systemów zarządzania. Nowa droga do przedsiębiorstwa lean, Difin, Warszawa 2007 r.
2. J. Czerska: Doskonalenie strumienia wartości, Difin, Warszawa 2009 r.
3. K. Dohn: Studium oceny procesu produkcyjnego w przedsiębiorstwie przemysłowym, Wydawnictwo Politechniki Śląskiej, Gliwice 2006 r.
4. Kosieradzka A. (red): Podstawy zarządzania produkcją. Ćwiczenia, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2016 r.

5. A. Kosieradzka, S. Lis: Produktywność. Metody analizy i oceny tworzenia programów popraw, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2000 r.
6. A. Więznowski, M. Sosnowski, P. Szlachetka: Analiza i optymalizacja procesów produkcyjnych i usług, Wydawnictwo AE we Wrocławiu, Wrocław 2007 r.

SUPPLEMENTARY REFERENCE MATERIALS

1. S. Borkowski, J. Selejdak, S. Salamon: Efektywność eksploatacji maszyn i urządzeń, Politechnika Częstochowska, Częstochowa 2006 r.
2. Durlik: Inżynieria Zarządzania, Placet, Warszawa 2004 r.
3. S. Borkowski, R. Ulewicz: Zarządzanie produkcją. Systemy produkcyjne, Oficyna Wydawnicza Humanitas, Sosnowiec 2008 r.

TEACHING TOOLS

- › Lecture with the use of audiovisual aids.
- › Exercises - solving problem tasks with the help of the teacher.
- › E-learning platform of the Częstochowa University of Technology or other distance learning tools.

LEARNING OUTCOMES

- › **EU1** The student knows the basic issues related to the assessment of the effectiveness of the organization's functioning.
- › **EU2** The student is able to measure and evaluate the effectiveness of the organization in practice.

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

- › **F1.** Assessment of preparation for exercises.
- › **F2.** Assessment of the ability to apply the acquired knowledge during the exercises.
- › **P1.** Assessment of the mastery of the teaching material being the subject of classes - final test.

STUDENT WORKLOAD

Form of activity	Number of hours	ECTS
------------------	-----------------	------

Contact hours with the teacher		
Lectures	15	0,6
Seminar		
Classes	15	0,6
Laboratory		
Project		
Test	2	0,08
Exam		
Total contact hours	32	1,28
Student's own work		
Getting acquainted with the indicated literature	15	0,6
Preparation for seminar		
Preparation for classes	15	0,6
Preparation for lab		
Project preparation		
Consultation	2	0,08
Preparation for the test	11	0,44
Total student's own work	43	1,72
Total number of hours/ ECTS points for the course	75	3,0

ADDITIONAL INFORMATION

Timetable of classes	https://wip.pcz.pl	
Information about the consultation (time + place)	https://wip.pcz.pl	

MATRIX OF LEARNING OUTCOMES REALISATION

Learning outcome	Reference of given outcome to outcomes defined for whole program	Course objectives	Course content	Ways of assessment
EU 1	K_W02,	C1, C2	L1 - L15	P1

	K_W03, K_W07, K_W08, K_U04, K_U05, K_K03,			
EU 2	K_W02, K_W03, K_W07, K_W08, K_U04, K_U05, K_K03,	C1, C2, C3	C1 - C15	F1, F2 P1

FORM OF ASSESSMENT - DETAILS

EU1 The student knows the basic issues related to the assessment of the effectiveness of the functioning of the organization.

- › 2,0 The student does not know the basic issues related to the assessment of the effectiveness of the organization.
- › 3,0 The student knows the basic issues related to the assessment of the effectiveness of the organization's functioning to a sufficient degree.
- › 3,5 The student knows the basic issues related to the assessment of the effectiveness of the organization's functioning to a sufficiently plus degree.
- › 4,0 The student knows the basic issues related to the assessment of the effectiveness of the organization's functioning to a good degree.
- › 4,5 The student knows the basic issues concerning the assessment of the effectiveness of the organization's functioning to a positive degree.
- › 5,0 The student knows the basic issues related to the assessment of the effectiveness of the organization's functioning to a very good degree.

EU2 The student is able to measure and evaluate the effectiveness of the organization in practice.

- › 2,0 The student is not able to measure and evaluate the effectiveness of the organization in practice.

- › 3,0 The student is able to measure and evaluate the effectiveness of the organization's functioning in practice to a sufficient degree.
- › 3,5 The student is able to measure and evaluate the effectiveness of the organization in practice to a sufficiently plus degree.
- › 4,0 The student is able to measure and evaluate the effectiveness of the organization to a good degree in practice.
- › 4,5 The student is able to measure and evaluate the effectiveness of the organization's functioning in practice to a positive degree.
- › 5,0 The student is able to measure and evaluate the effectiveness of the organization's functioning in practice to a very good degree.