



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Fundamentals of Management [S1Log2>PZ]

### Course

Field of study

Logistics

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

### Number of hours

Lecture

30

Laboratory classes

0

Other

0

Tutorials

15

Projects/seminars

0

### Number of credit points

4,00

### Coordinators

dr inż. Edmund Pawłowski

edmund.pawlowski@put.poznan.pl

### Lecturers

### Prerequisites

There are no predecessors in first degree studies. The student should have the ability to perceive, associate and interpret phenomena in social relations and bear social responsibility for decisions in the area of organization management.

### Course objective

Teaching a system of basic concepts used to describe the management process and models, methods and principles explaining basic aspects of the management phenomenon.

### Course-related learning outcomes

Knowledge:

The student explains basic management concepts related to logistics and supply chain management [P6S\_WG\_08].

The student characterizes general principles of creating and developing forms of individual entrepreneurship in the context of logistics and logistic services [P6S\_WK\_10].

The student elucidates basic management issues related to logistics and supply chain management, including organizational elements such as people, technologies, and processes [P6S\_WG\_08].

The student describes general principles of creating and developing forms of individual entrepreneurship, with particular emphasis on their application in logistics and logistic services [P6S\_WK\_10].

The student identifies and describes decision-making models and management strategies, including strategic models and Scorecard [P6S\_WG\_08].

#### Skills:

The student analyzes and identifies systemic, socio-technical, organizational, and economic aspects in engineering tasks related to management, applying methods of modeling and organizational design [P6S\_UW\_04].

The student assesses and adjusts their approach to management in response to changing requirements, standards, and technological advancement, utilizing acquired analysis and planning skills [P6S\_UU\_01]. The student applies motivation theories and managerial skills to practical management in organizational units [P6S\_UW\_04].

The student evaluates and responds to changes in requirements, standards, and technological progress in the context of management, determining the need for supplementing their knowledge [P6S\_UU\_01]

#### Social competences:

The student demonstrates skills in planning and entrepreneurial management in the field of logistics [P6S\_KO\_01].

The student initiates activities related to formulating, conveying information, and cooperating in society in the field of logistics, applying acquired communication and cooperation skills [P6S\_KO\_02].

The student exhibits awareness of ethical and cultural aspects of management, applying ethical standards in practical management applications [P6S\_KR\_02].

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: The knowledge of the lectures is verified during the session examination. Written exam in two versions: 1/ 5 open questions, 2/ 10 multiple choice test questions. Maximum number of points = 100. Positive score from 65 points.

Exercises: The knowledge of the exercises is verified in two stages: 1/ evaluation of public presentations on the given topic, 2/ evaluation of the final test from the knowledge covered by the exercises. A maximum of 50 points can be obtained from each part, together 100 points. Positive assessment from 65 points.

### Programme content

Lecture: Genesis and development of management sciences. Methodological basis of organizing research. Methods of modeling and organizing design. Management - its essence and meaning. Management functions. Organization in the environment as a management object. Elements of organization - people, technologies, processes. Organizational unit, morphology of processes in an organizational unit. Management as a process of information and decision making. Control cycle in managing an organizational unit. Information and communication in management. Decision models. Strategic models, Scorecard. Models of outsourcing decisions. Organizational structure - conditions and directions of evolution. Management methods. The essence of managerial work, managerial roles, management styles, managerial skills. Motivation theory. Management in the context of change. Management in the context of globalisation.

Exercises: Schools and trends in management science. Organization as an object of management. Essence and functions of management. Organizational structures. Management methods. Theory of motivation.

### Course topics

none

### Teaching methods

Lecture: Monographic lecture, case studies.

Exercises: multimedia presentation illustrated by the examples given on the board and the performance of tasks given by the instructor - practical exercises

## Bibliography

### Basic:

1. Griffin R.W., Podstawy zarządzania organizacjami, Wydawnictwo Naukowe PWN, Warszawa, 2017.
2. Robbins S.P., DeCenzo D.A., Podstawy zarządzania, PWE, Warszawa, 2002.
3. Koźmiński A.K., Piotrowski W. (red). Zarządzanie. Teoria i praktyka, PWE, Warszawa, 2020.

### Additional:

1. Kałkowska J., Pawłowski E., Włodarkiewicz-Klimek H., Zarządzanie organizacjami w gospodarce opartej na wiedzy, Wydawnictwo Politechniki Poznańskiej, Poznań, 2013.
2. Stoner J.A.F., Wankel C., Kierowanie, PWE, Warszawa, 1999.
3. Stróżycki M.(red), Podstawy zarządzania, SGH, Warszawa, 2008.

## Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	47	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	53	2,00