



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Management

Course

Field of study

Automatic Control and Robotics

Area of study (specialization)

Smart Aerospace and Autonomous Systems

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1 / 1

Profile of study

general academic

Course offered in

English

Requirements

compulsory

Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

30

Projects/seminars

0

Number of credit points

4

Lecturers

Responsible for the course/lecturer:

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Responsible for the course/lecturer:

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Prerequisites

Student has skills of noticing, associating and interpreting events in social relations. Student understands and is ready to take social responsibility for decisions in the area of management

Course objective

Teaching a system of basic principles for description of management process and models, methods and principles explaining basic aspects of management events.

Course-related learning outcomes

Knowledge

1. Has Basic knowledge about management science and its correlation with context science



2. Has knowledge about leadership and management, management functions and leadership styles
3. Has knowledge about informative-decision management process and models of taking managerial decisions
4. Has knowledge about the principle and types of organizational structures, conditions and directions of evolution of organisational structures
5. Has general knowledge about cultural and international management backgrounds
6. Has general knowledge about past and modern management methods

Skills

1. can correctly interpret events in organization from the point of view of boss and subordinates(taking into account management functions and leadership styles
2. can interpret and identify application of different management methods
3. can identify and analyze organizational structures ; can evaluate its choice according to internal and external organizational conditions
4. understands and can explain the influence of international context onto organizational process

Social competences

1. is aware of manager's role and responsibility (organizational, economic and social) and managerial staff in the functioning of organization

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Initial grade:

- a) for seminars: based on written quizzes,
- b) for lectures: based on written or oral answers to questions on the material covered in the current and previous lectures,

Final grade:

- a) for seminars: based on an average of the attained quiz grades and passing an integrative test,
- b) for lectures: based on passing a written test on the subjects presented during the lectures.

Programme content

Management - its principles and meaning. Organization in the environment as the management object. Elements of organization - people, technology, processes. Power. Information and communication in management. Management structure. The aims and functions of management. Organizational structure - conditions and directions of progress. Management as a decision - information process. Management methods. Evaluation criteria of activity efficiency. The essence of leadership, the elements of leadership,



the leadership roles and styles, skills of leadership. Ethical and cultural management context. Management in the context of change. Management in the context of globalization.

Teaching methods

Monograph lectures, case studies, classes

Bibliography

Basic

1. R.W. Griffin, Podstawy zarządzania organizacjami, PWE, W-wa, 2012
2. A.K. Koźmiński, W. Piotrowski (red). Zarządzanie. Teoria i praktyka, PWE, W-wa, 2010
3. S.P. Robbins, D.A. DeCenzo, Podstawy zarządzania, PWE, 2017
4. M. Stróżycki, (red), Podstawy zarządzania, SGH, 2008
5. Kałkowska J., Pawłowski E., Włodarkiewicz-Klimek H., Zarządzanie organizacjami w gospodarce opartej na wiedzy. Wydawnictwo Politechniki Poznańskiej. Poznań, 2013

Additional

1. J.A.F. Stoner, C. Wankel, Kierowanie, PWE, W-wa, 2007
2. A. Zakrzewska- Bielawska, Podstawy zarządzania. Teoria i ćwiczenia, Wyd. Gab, 2004

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	63	2,5
Student's own work (literature studies, preparation for tutorials, preparation for tests/exam) ¹	37	1,5

¹ delete or add other activities as appropriate