



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Management

Course

Field of study

Mechatronics

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

dr hab. inż. Beata Starzyńska

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tel. 61 665 27 41

Responsible for the course/lecturer:

Faculty of Mechanical Engineering

Piotrowo Street, No 3 60-965 Poznań

Prerequisites

The student has knowledge of the basics of entrepreneurship; ability to associate facts, logical thinking and the use of e-resources; understands the needs of learning and acquiring new knowledge.



Course objective

The aim of the course is to prepare the Student to perform managerial functions and process management in a production company.

Course-related learning outcomes

Knowledge

Student has knowledge of the development of organization and management science.

The student knows a wide spectrum of management methods and techniques.

The student describes the organization (production company) as a system functioning in the changing conditions of the market environment, managed in a process.

Skills

The student is able to choose and correctly apply management methods, adequate to the situation and the organizational problem.

The student is able to work with a team of employees, motivating them to act effectively.

Social competences

The student is aware of the responsibility for the management decisions made and the effects of the actions taken as a result.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: Multiple choice test result.

Programme content

The concept of organization, organization as a system. The essence of management, organizational resources, efficiency and effectiveness of processes, resource management. Organization goals. Mission, vision and company strategy, organizational levels. Management functions (planning, organizing, controlling, leading). Process approach in management, classifications of processes in an enterprise. Management processes; management system and managed system; information and decision-making processes and executive processes. Management ranges (subjective, process, resource). Organizational structures, division of organizational structures. Management methods and techniques. Management and leadership processes in the organization. Manager roles and tasks. Management styles. Techniques for employee motivation and managerial control. Basics of organizing work in teams.

Teaching methods

Lecture; active participation in classes; consultations.

Bibliography



Basic

Ewa Małyk – Musiał, Anna Rakowska, Elżbieta Krajewska – Bińczyk: Zarządzanie dla inżynierów. Polskie Wydawnictwo Ekonomiczne, Warszawa 2012

Additional

Koźmiński Andrzej K., Piotrowski Włodzimierz: Zarządzanie. Teoria i praktyka. Wydawnictwo Naukowe PWN, Warszawa 2013

Griffin Ricky W.: Podstawy zarządzania organizacjami. Wydawnictwo Naukowe PWN, Warszawa 2010

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for tests/exam) ¹	10	0,5

¹ delete or add other activities as appropriate

