



COURSE DESCRIPTION CARD - SYLLABUS

Course name

THE CONCEPTS AND METHODS OF MANAGING OF CONTEMPORARY ENTERPRISE

Course

Proposed by Discipline

Management and Quality Studies

Type of studies

Doctoral School

Form of study

full-time

Year/Semester

II/3

Course offered in

English

Requirements

elective

Number of hours

Lecture

4

Tutorials

Projects/seminars

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

prof. dr hab. inż. Stefan Trzcieliński

email: stefan.trzcielinski@put.poznan.pl

phone: +48 61 665 3373

Faculty of Engineering Management

Poznan University of Technology

ul. J. Rychlewskiego 2, 60-965 Poznan, Poland

Responsible for the course/lecturer:

Prerequisites

Knowledge: functional subsystems of enterprise, segments of macroenvironment, segments of industry environment. Understanding effectiveness and efficiency.

Skills: interpret facts and events occurring in segments of macroenvironment, analyze the influence of enterprise on its environment, analyze the consequences of managerial decision on effectiveness and efficiency of enterprise.

Social competencies: ability to present our opinion, openness on arguments of others, ability to team base working.

Course objective

Understanding contemporary enterprise management paradigms; understanding the relationship between enterprise activities and sustainable development of its meta-system.



Course-related learning outcomes

Knowledge

A PhD student who graduated from doctoral school knows and understands:

- 1) the mechanisms of changing the paradigms of an industrial enterprise, [P8S_WG/SzD_W01]
- 2) the concept of Lean and Agile Management and their impact on the economic dimension of business sustainability, [P8S_WG/SzD_W02]
- 3) the conflict dilemmas of enterprise sustainability in the social, ecological and economic dimensions. [P8S_WK/SzD_W05]

Skills

A PhD student who graduated from doctoral school can:

- 1) suggest management methods eliminating or reducing wastes, [P8S_UW/SzD_U03]
- 2) communicate on enterprise sustainability issues on the level that allows active participation in the international scientific community, [P8S_UK/SzD_U04]
- 3) use the English language on at least B2 level, [P8S_UK/SzD_U08]
- 4) plan and implement individual and team research projects, also in the international community. [P8S_UO/SzD_U09]

Social competences

A PhD student who graduated from doctoral school is ready to:

- 1) critically assess the achievements within a management and quality studies discipline, [P8S_KK/SzD_K01]
- 2) think and act in an entrepreneurial manner, [P8S_KO/SzD_K06]
- 3) maintain and develop the ethos of research and creative communities, including:
 - conducting independent scientific activity,
 - respecting the principle of public ownership of the results of scientific activities, including the principles of intellectual property protection. [P8S_KR/SzD_K07]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

PQF code	Methods for verification of learning outcomes	Assessment criteria
W01, W02, W05	A small project verifying the effects of education in the conditions of an existing enterprise	Taking into account the relationship between the situation in the environment and the concepts of enterprise management
U03, U04, U08, U09	A small project verifying the effects of education in the conditions of an existing enterprise	Exposing the relationship between management concepts and sustainable development of the



		enterprise
K01, K06, K07	A small project verifying the effects of education in the conditions of an existing enterprise	Critical analysis of the existing solution to the management problem and a creative proposal to change it

Programme content

1. Features of business environment changeability (Novelty of changes, Speed of changes, Intensity of changes, Complexity of changes).
2. Changes in the environment as a driver of changes in enterprise paradigms (Features of paradigms of enterprise, Lean and Agile as meta-concepts of management, Methods of elimination and reducing wastes, Dimensions of enterprise agility).
3. Enterprise sustainability (Dimensions of enterprise sustainability, Contribution of Lean and Agile Management to the enterprise sustainability).

Teaching methods

Lecture: multimedia presentation including illustrations and examples.

Bibliography

Basic

1. Tilman L.M., Jackoby C. (2019). Agility. How to navigate the unknown and seize opportunity in a world of disruption, Missionday, USA.
2. Bouman J. J., Wolters T. (2018). Corporate Sustainability: Inclusive business approaches contributing to a sustainable world, Taylor and Francis Inc.

Additional

1. Trzcielinski S. (2007). Agile Enterprise. Concepts and Some Results of Research, IEA Press, Madison.
2. Cale V. (2016). Enhancing enterprise intelligence: Leveraging ERP, CRM, SCM, PLM, BPM, and BI, Essar Group, India.



Breakdown of average student's workload

	Hours	ECTS
Total workload	16	1.0
Classes requiring direct contact with the teacher	6	0.5
Student's own work (literature studies, preparation for tutorials, project preparation) ¹	10	0.5

¹ delete or add other activities as appropriate