



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Contemporary Concepts of Management

### Course

Field of study

Engineering Management

Area of study (specialization)

Managing Enterprise of the Future

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

English

Requirements

compulsory

### Number of hours

Lecture

30

Tutorials

Laboratory classes

Projects/seminars

15

Other (e.g. online)

### Number of credit points

4

### Lecturers

Responsible for the course/lecturer:

Prof. Stefan Trzcieliński, Ph.D., D.Sc., Eng.

Mail to: stefan.trzcielinski@put.poznan.pl

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

Ph.D., D.Sc., Hanna Włodarkiewicz-Klimek,  
University Professor

Mai to: hanna.wlodarkiewicz-  
klimek@put.poznan.pl

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań



## Prerequisites

Knowledge about: microeconomics, strategic management, functional subsystems management.

## Course objective

To familiarize students with: the paradigms of enterprise management and the factors triggering their change, metaconcepts of a lean and agile enterprise, concepts and methods belonging to the metaconcepts. Development of skills of situational selection and application of concepts and methods in practice.

## Course-related learning outcomes

### Knowledge

Knowledge about: enterprise management paradigms; enterprise network structures; features of a virtual enterprise; management concepts and methods; Knowledge Based Economy; knowledge management [P7S\_WG\_04], [P7S\_WG\_05], [P7S\_WG\_06].

### Skills

Skills in: situational selection of management method; identification of sources of waste; shaping the agility of the enterprise [P7S\_UW\_03], [P7S\_UW\_04], [P7S\_UW\_05], [P7S\_UW\_06],[P7S\_UW\_07].

### Social competences

Competences in the field of: development of interdisciplinary knowledge and obtaining it from team members; selection of members for teams due to the necessary knowledge, skills and their social competences [P7S\_KK\_02], [P7S\_KO\_03].

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Performing micro tasks during lectures; assessment of a project on management system supported by selected methods.

## Programme content

Enterprise paradigms and factors causing their change; Lean and Agile metaconcepts and management methods belonging to them; shaping the agility of the enterprise; KBE; knowledge management in the organization.

## Teaching methods

Seminar lecture; project of management system supported by selected methods.

## Bibliography

### Basic

Trzcieleński S. (2011) Przedsiębiorstwo zwinne, Wydawnictwo Politechniki Poznańskiej, Poznań.

Trzcieleński s., Włodarkiewicz-Klimek H., Pawłowski K. (2013). Współczesne koncepcje zarządzania. Wydawnictwo Politechniki Poznańskiej, Poznań.



Liker J.K., Morgan J.M. (2020) Projektowanie przyszłości. mt biznes.

Kaufmann G. (2020). Aligning Lean and Value-based Management. Springer, Cham. <https://link-1springer-1com-1000038950abe.han3.library.put.poznan.pl/content/pdf/10.1007%2F978-3-030-38467-8.pdf>

Tilman LM and Jackoby C (2019) Agility. How to navigate the unknown and seize opportunity in a world of disruption. USA: Missionday

Additional

Wyrozębski P. ( 2020). Zwinne zarządzanie projektami w dużych organizacjach. Oficyna Wydawnicza SGH, Warszawa.

Hamrol A. (2018). Strategie i praktyki sprawnego działania. PWN, Warszawa.

Matt T.D., Rauch E., Riedl M. (2018). Knowledge Transfer and Introduction of Industry 4.0 in SMEs: A Five-Step Methodology to Introduce Industry 4.0. In: Analyzing the Impacts of Industry 4.0 in Modern Business Environments. <https://www-1igi-2global-1com-1000038950abe.han3.library.put.poznan.pl/gateway/chapter/full-text-pdf/203124>

Trzecieliński S. (Ed. 2007). Agile Enterprise. Concepts and some results of research, IEA, Madison.

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	45	2,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests, project preparation) <sup>1</sup>	55	2,0

<sup>1</sup> delete or add other activities as appropriate