



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Contemporary concepts of management

Course

Field of study

Engineering Management

Area of study (specialization)

Enterprise resource and process management

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

8

Tutorials

Laboratory classes

Projects/seminars

10

Other (e.g. online)

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

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	20	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests, project preparation) ¹	80	3,0

¹ delete or add other activities as appropriate