

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Concepts and tools of modern enterprise management		Code 1010514381011160029
Field of study Computing	Profile of study (general academic, practical) general academic	Year /Semester 4 / 8
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: First-cycle studies	Form of study (full-time, part-time) part-time	
No. of hours Lecture: 16 Classes: - Laboratory: - Project/seminars: 16		No. of credits 3
Status of the course in the study program (Basic, major, other) major		(university-wide, from another field) from field
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 3 100% 3 100%
Responsible for subject / lecturer: dr inż. Joanna Kalkowska email: joanna.kalkowska@put.poznan.pl tel. 61 665 33 72 Engineering Management Strzelecka 11, 60-965 Poznan		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The knowledge on basis of organization and management, strategic management, managing the functional subsystem of enterprise.
2	Skills	Is able to identify the functions executed in management system.
3	Social competencies	Presents the readiness to update and developer his knowledge and skills. Is open for team based working.
Assumptions and objectives of the course: -To understand the both classical and contemporary concepts in management and use the modern concepts to explain real managerial phenomena.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Knows paradigms of the management and settling them in the development of technical, economic and managerial sciences - [K1st_W9, K1st_W10, K1st_W11]		
2. He knows structures of interfunctional teams - [K1st_K3, K1st_K5]		
3. He knows concepts and methods of management of modern enterprise - [K1st_K3, K1st_K5]		
4. he knows the issue of intelligent enterprise - [K1st_K3, K1st_K5]		
Skills:		
1. Is able to explain a link between concepts and management methods with the enterprise effectiveness - [K1st_U5]		
2. He is able to combine the concepts and management methods with the effects concerning reducing expenses, quality improvement and shortening the time response for the customer expectations - [K1st_U6]		
3. He is able to advise what concepts and management methods should be applied for the efficiency improvement of the enterprise - [K1st_U7]		
Social competencies:		

1. The student understands the needs of development his knowledge concerning new concepts, methods and techniques of modern enterprise management - [K1st_K3, K1_st_K5]
2. He is able to work in a team - [K1st_K3, K1_st_K5]
3. He is conscious about the importance of professional behavior, respecting the ethical occupational principles and the variety of opinion and cultures - [K1st_K3, K1_st_K5]
4. Is able to plan and manage the business projects - [K1st_K3, K1_st_K5]

Assessment methods of study outcomes

-Forming rating:

- a) in the scope of project classes: based on the assessment of the current progress of the implementation of tasks related to the application of selected management concepts (OS, VE, KM, CE) and public presentation of designed solutions,
- b) in the scope of lectures: on the basis of written or oral answers to questions regarding the material processed in the current and previous lectures,

Summary rating:

- a) in the scope of project classes: average rating for completed projects
- b) in the scope of lectures: the average of forming grades.

Course description

-The issue and managements functions. Goals of the enterprise. Concepts and tools of enterprise management. Managing human resources as the managerial basic function. Leadership as innovation management. Models of decision-making processes in management. Human Factors and the problem of the genotype in the management. The specialization, the differentiation and the diversification as a ways of the strategic development of the modern enterprise. Modern corporate enterprises. The third wave and the modern enterprise. New wave in management. Intelligent enterprise. Lean concept and tools improving modern enterprise management. Organizational innovativeness in enterprises. Lean management and World Class Manufacturing as a background of Agile management. Enterprise architecture. Innovative business models BRIC. The enterprise as the object of cyberattacks in social media.

Basic bibliography:

1. Trzciliński S. Przedsiębiorstwo zwinne. Wydawnictwo Politechniki Poznańskiej, Poznań, 2011.
2. Trzciliński S. Włodarkiewicz-Klimek H., Pawłowski K. Współczesne koncepcje zarządzania, Wydawnictwo Politechniki Poznańskiej, Poznań 2013
3. Trzciliński S., Kałowska J., Pawłowski E., Włodarkiewicz-Klimek H., Dostosowanie systemów zarządzania przedsiębiorstw do warunków gospodarki wiedzy, Monografia, Wydawnictwo Politechniki Poznańskiej, Poznań 2016

Additional bibliography:

1. Zimniewicz K., Współczesne koncepcje i metody zarządzania, PWE, Warszawa, 2008.

Result of average student's workload

Activity	Time (working hours)	
1. Lecture	16	
2. Project	16	
3. Preparation before the lecture	11	
4. Project - own study	20	
5. Consult of the project	12	
Student's workload		
Source of workload	hours	
ECTS		
Total workload	70	3
Contact hours	34	1
Practical activities	36	1