

**Faculty of Computer Science and Management****SUBJECT CARD****Name in Polish** Prowadzenie projektów w nowoczesnych organizacjach**Name in English** Leading projects in modern organisations**Main field of study (if applicable):** Management**Specialization (if applicable):** Organisational Management**Level and form of studies:** 1st level, full-time**Kind of subject:** obligatory**Subject code** ZMZ1251**Group of courses** NO

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	<b>30</b>	<b>15</b>			
Number of hours of total student workload (CNPS)	<b>90</b>	<b>60</b>			
Form of crediting	Examination	crediting with grade			
For group of courses mark (X) final course					
Number of ECTS points	<b>3</b>	<b>2</b>			
including number of ECTS points for practical (P) classes		<b>2</b>			
including number of ECTS points for direct teacher-student contact (BK) classes	<b>1</b>	<b>0,5</b>			

\*delete as applicable

**PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES**

1. Fundamentals about project management
2. Fundamentals about organization management

**SUBJECT OBJECTIVES**

C1 presenting to the students modern project management methods, like the critical chain method, PRINCE methodology, and adaptive project management methods

C2 presenting to the students basic project portfolio methods

C3 making the students able to apply the modern project management methods in practice

C4 making the student able to manage simple project portfolios

C5 making the students aware of the advantages and disadvantages of traditional and modern project management methods

### SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:

PEK\_W01 the students know the advantages and disadvantages of the traditional project management methods

PEK\_W02 the students know the fundamentals of the Critical Chain, PRINCE methodology and adaptive project management methods

PEK\_W03 the students know the fundamentals of project portfolio management

relating to skills:

PEK\_U01: the students are able to apply in simple cases modern project management methods

PEK\_U02: the students are able to manage project portfolio in simple cases

relating to social competences:

PEK\_K01: the students are aware of the advantages and disadvantages of various project management methods and are able to communicate them to others

### PROGRAMME CONTENT

Form of classes - lecture		Number of hours
Lec 1	Summary of hard project traditional management methods	2
Lec 2	Summary of soft project traditional management methods	2
Lec 3	Critical chain method – project planning	2
Lec 4	Critical chain method – project control	2
Lec 5	Use of buffers in project management	2
Lec 6	Fundamentals about the PRINCE methodology	2
Lec 7	Individual elements of the PRINCE methodology	2
Lec 8	Adaptive Project structure – introduction	2
Lec 9	Defining version scope	2
Lec 10	Cycle structure and building	2
Lec 11	Version results review	2
Lec 12	Project portfolio management – main stages	2
Lec 13	Evaluation and selection of projects in a project portfolio	2
Lec 14	Managing active project portfolio	2
Lec 15	Final test	2
	Total hours	30
Form of classes - class		Number of hours
Cl 1	Exercise in traditional hard project management methods	2
Cl 2	Exercise in traditional soft project management methods	2
Cl 3	Exercise in critical chain management	2
Cl 4	Exercise in PRINCE methodology	2
Cl 5	Case study in PRINCE methodology	2
Cl 6	Exercise in adaptive project management	2
Cl 7	Exercise in project portfolio management	2
Cl 8	Final test	1
	Total hours	15
Form of classes - laboratory		Number of hours
Lab 1		

Lab 2		
Lab 3		
	Total hours	
<b>Form of classes - project</b>		<b>Number of hours</b>
Proj 1		
Proj 2		
Proj 3		
	Total hours	
<b>Form of classes - seminar</b>		<b>Number of hours</b>
Sem 1		
Sem 2		
Sem 3		
	Total hours	
<b>TEACHING TOOLS USED</b>		
N1. Informing lecture N2. Practical exercise		

#### EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT

Evaluation (F – forming (during semester), P – concluding (at semester end))	Educational effect number	Way of evaluating educational effect achievement
P	PEK_W01, PEK_W01 PEK_U01 PEK_U02 PEK_K01	Written test and exam

#### PRIMARY AND SECONDARY LITERATURE

##### **PRIMARY LITERATURE:**

- [1] Harold Kerzner (2009), Project Management: A Systems Approach to Planning, Scheduling, and Controlling, John Wiley & Sons;
- [2] Robert K. Wysocki (2009), Effective Project Management: Traditional, Agile, Extreme, John Wiley & Sons
- [3] David Hinde (2012), PRINCE2 Study Guide, John Wiley & Sons.

##### **SECONDARY LITERATURE:**

- [1] A Guide to the Project Management Body of Knowledge, Project Management Institute (1996)
- [2] Goldratt E. (1997), Critical Chain, North River Press, Great Barrington;

##### **SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)**

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**MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT**  
**Leading projects in modern organisations**  
**AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY Management**  
**AND SPECIALIZATION Organisational Management**

Subject educational effect	Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)**	Subject objectives***	Programme content***	Teaching tool number***
<b>PEK_W01</b> (knowledge)	K1_ZARZ_W20 S1_ZARZ_OM_W02	C5	Le1, Le2, Cl 1, Cl 2	N1,N2
<b>PEK_W02</b>	K1_ZARZ_W20 S1_ZARZ_OM_W02	C1	Le3, Le4, Le5, Le6, Le7, Le8, Le9, Le10, Le11	N1
<b>PEK_W03</b>	K1_ZARZ_W20 S1_ZARZ_OM_W02	C2	Le13, Le14	N1
<b>PEK_U01 (skills)</b>	S1_ZARZ_OM_U02	C3	Cl 3, Cl 4, Cl 5, Cl 6	N2
<b>PEK_U02</b>	S1_ZARZ_OM_U02	C4	Cl 7	N2
<b>PEK_K01</b> (competences)	K1_ZARZ_K01 K1_ZARZ_K02 K1_ZARZ_K03 K1_ZARZ_K05 K1_ZARZ_K06	C5	Le1, Le2, Le3, Le4, Le5, Le6, Le7, Le8, Le9, Le10, Le11 Cl 1, Cl 2, Cl 3, Cl 4, Cl 5, Cl 6	N1,N2

\*\* - enter symbols for main-field-of-study/specialization educational effects

\*\*\* - from table above