Faculty of Computer Science and Management

SUBJECT CARD

Name in Polish Analiza finansowa wspomagana komputerem
Name in English Financial analysis supported by computer
Main field of study (if applicable): MANAGEMENT
Specialization (if applicable): ORGANIZATIONAL MANAGEMENT
Level and form of studies: 1ˢᵗ level, full-time
Kind of subject: obligatory
Subject code FBZ1154
Group of courses NO

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

*delete as applicable

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES
1. None
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SUBJECT OBJECTIVES

C1. Introducing to core concepts of financial analysis.
C2. Provide an overview of computer software and systems useful in financial analysis.
C3. Developing analytical skills necessary to perform comprehensive financial statement analysis supported by computer.

SUBJECT EDUCATIONAL EFFECTS
Relating to knowledge:
PEK_W01 – Understand the basic principles, objectives and problems of financial analysis.
PEK_W02 – Familiarize with computer software and systems useful in financial analysis.
Relating to skills:
PEK_U01 – Be able to perform comprehensive financial statement analysis
PEK_U02 – Be able to evaluate the financial standing of an enterprise using computer software.
Relating to social competences:
PEK_K01 – Be aware of constantly changing legal, economic and social determinants of

financial standing of enterprises.

PROGRAMME CONTENT

Form of classes - lecture		Number of hours
Lec 1	The role of financial management	1
Lec 2	Financial statements	2
Lec 3	Financial statement analysis	2
Lec 4	Ratios analysis	2
Lec 5	Modelling and forecasting	2
Lec 6	TPS, MIS and DSS in financial analysis	2
Lec 7	ESS, ERP and corporate platforms	2
Lec 8	Final test	2
	Total hours	15

Form of classes - class		Number of hours
Cl 1		
	Total hours	

Form of classes - laboratory		Number of hours
Lab 1	Horizontal and vertical analysis	1
Lab 2	Profitability ratios	2
Lab 3	Liquidity ratios	2
Lab 4	Activity ratios	2
Lab 5	Leverage ratios	2
Lab 6	Value ratios	2
Lab 7	DuPont Financial Analysis Model	2
Lab 8	Bankruptcy Prediction Models	2
	Total hours	15

Form of classes - project		Number of hours
Proj 1		
	Total hours	

Form of classes - seminar		Number of hours
Sem 1		
	Total hours	

TEACHING TOOLS USED

N1. Informative lectures
N2. Discussion-based lectures

N3. Multimedia presentation
N4. Assignments
N5. Computations
N6. Reports

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
P1 (lecture)	**PEK_W01, PEK_W02, PEK_K01**	Test
P2 (laboratory)	**PEK_U01 PEK_U02 PEK_K01**	Report
C		

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

[1] Aileen M. Ormiston, Lyn M. Fraser, Understanding Financial Statements: International Edition, Pearson, 2012

[2] J. Van Horne, John M Wachowicz, Fundamentals of Financial Management, Pearson, 2009

[3] Philip J. Adelman, Alan M. Marks, Entrepreneurial Finance: International Edition, Pearson, 2010

SECONDARY LITERATURE:

[1] Ken Laudon, Jane Laudon, Management Information Systems, Pearson, 2012

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

Adam Dzidowski, adam.dzidowski@pwr.wroc.pl

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR
SUBJECT
Financial analysis supported by computer
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY
MANAGEMENT
AND SPECIALIZATION **ORGANIZATIONAL 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***
PEK_W01 (knowledge)	**K1_ZARZ_W11**	**C1**	**Lec 1 - Lec 5**	**N1, N2, N3**
PEK_W02	**K1_ZARZ_W11**	**C2**	**Lec 6 - Lec 7**	**N1, N2, N3**
PEK_U01 (skills)	**K1_ZARZ_U04** **K1_ZARZ_U05** **K1_ZARZ_U07** **K1_ZARZ_U11** **K1_ZARZ_U15** **K1_ZARZ_U16**	**C3**	**Cl 1 - Cl 8**	**N4, N5, N6**
PEK_U02	**K1_ZARZ_U04** **K1_ZARZ_U05** **K1_ZARZ_U07** **K1_ZARZ_U11** **K1_ZARZ_U15** **K1_ZARZ_U16**	**C3**	**Cl 1 - Cl 8**	**N4, N5, N6**
PEK_K01 (competences)	**K1_ZARZ_K01**	**C1, C2, C3**	**Lec 1 - Lec 7** **Cl 1 - Cl 8**	**N1, N2, N3, N4, N5, N6**

** - enter symbols for main-field-of-study/specialization educational effects
*** - from table above