University of Gdańsk

Subject card

Subject name and code	Management Accounting, PG_00157154					
Field of study	Finance and Accounting					
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025	
Education level	Master's studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study	
Mode of study	part-time studies		Mode of delivery		at the university	
Year of study	1		Language of instruction		Polish	
Semester of study	2		ECTS credits		6.0	
Learning profile	academic		Assessment form		exam	
Conducting unit	Zakład Rachunkowości Zarządczej -> Department of Accounting -> Faculty of Management -> Rector					
Name and surname of lecturer (lecturers)	Subject supervisor		dr Marek Ossowski			
	Teachers		dr Marek Ossowski			

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	14.0	16.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						

Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	30	30.0	90.0	150

Subject objectives	1. Defining management accounting. 2. Analysis of financial and non-financial data in order to provide information necessary to make management decisions. 3. Preparation of reports supporting management decision-making, including reports focused on planning and budgeting, cost management, quality control, performance measurement and benchmarking. 4. Understanding the importance of information from management accounting in decision-making 5. Knowledge of the difference between systematic and problematic (decision-making) cost accounting. 6. Define: a) material information, b) incremental costs and revenues, c) costs and differential incomes, d) mature, sunk, lost profits. 7. Defining: a) the critical point (break-even point), b) margin for coverage, c) safety margin, d) operating leverage, e) the margin to cover ratio (coefficient), f) the degree of operating leverage, g) segment, segment costs, segment coverage margin, segment margin, h) special price, minimum price for special order 8. Determining the essence of the cost-size-profit-production relationship. 9. Ability to conduct cost-production-profit analysis and draw conclusions when making decisions. 10. Conducting a cost-production size-profit analysis in multi-assortment production and drawing conclusions when making decisions. 11. Knowledge of the constraints of cost-volume-production-profit analysis. 12. The use of linear programming to optimize the production structure.

13. Ability to make pricing decisions for special orders.

14. Definition:

a) decentralisation,

b) centralized and decentralized organization,

c) the centre of responsibility,

d) accountability accounting,

e) cost centre,

f) standard cost centre,

g) discretionary cost centre,

h) a revenue centre,

i) the centre of profitability,

j) investment centre,

k) internal prices,

l) the rate of return on operating assets (ROI),

m) surplus of operating profit (RI)

15. Identify the problems associated with the decentralization of management

16. Differentiation of segments.

17. Measures of evaluation of the effectiveness of discretionary cost centres.

18. Measures of the evaluation of the effectiveness of revenue centers.

19. Measures for assessing the effectiveness of profitability centres.

20. Measures of evaluation of the effectiveness of investment centres.

21. The role of internal prices in making management decisions.

22. Methods of determining internal (transfer) prices.

23. Defining:

a) the accounting rate of return,

b) the length of the payback period,

c) internal rate of return,

d) modified internal rate of return,

e) types of investments.

24. Application of methods for assessing the effectiveness of investment decisions.

25. Indication of risk when making investment decisions.

26. Defining:

a) Balanced Scorecard (BSC),

b) prospects,

c) financial perspective, internal perspective, customer perspective, learning and growth perspective,

d) outcome and guiding measures,

e) diagnostic, strategic measures,

f) strategy maps,

g) strategic initiatives,

(h) double feedback.

27. Defining the role of BSC in strategy implementation and strategy management.

28. Defining the strategy management cycle using BSC.

29. BSC Implementation

30. Definition:

a) lean accounting,

b) lean accounting method,

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FiRMU2_K06] Creativity: - the student has the ability to think creatively, can go beyond the usual patterns, - can think and act in an entrepreneurial manner, - can flexibly adapt to the changing requirements of the environment.	The student has the ability to think creatively, can go beyond the usual patterns, can think and act in an entrepreneurial way, can flexibly adapt to the changing requirements of the environment.	[SK4] test/exam - oral or written
	[FiRMU2_K05] Responsibility: - meets deadlines, - is able to set priorities appropriately in order to complete the task set before him, - is able to foresee the social consequences of his actions, - consistently strives to achieve the set goal, - is able to work systematically and independently,- respects the rules and norms of social coexistence.	The student meets deadlines, is able to properly define priorities for the implementation of a task defined by him/her, is able to predict the social effects of his/her activity, consistently pursues the goal, is able to work systematically and independently, and adheres to the rules and norms of social life.	[SK4] test/exam - oral or written
	[FiRMU2_K01] Self-improvement: - understands the need for development and lifelong learning, - inspires others to learn, - is able to supplement and improve the acquired knowledge and skills, expanded by the interdisciplinary dimension, - knows his strengths and weaknesses, sets ambitious goals to the best of his ability, - knows how to reconcile with failure, admit to a mistake.	The student understands the need for development and lifelong learning in various accounting professions, including in particular the profession of a chartered accountant.	[SK4] test/exam - oral or written
	[FiRMU2_W05] The student has an extended knowledge of advanced methods and tools, including data acquisition and analysis techniques, specific to the social sciences to describe economic structures and institutions and the processes within and between them.	The student has an extended knowledge of advanced methods and tools, including data acquisition and analysis techniques, specific to management accounting.	[SW4] test/exam - oral or written
	[FiRMU2_W08] The student has in-depth knowledge of the formation and economic functioning of organizations commercial and public, their forms, phases of development, as well as financial conditions determining their value and economic success.	The student has an in-depth knowledge of the creation and economic functioning of commercial organizations and the public sector, their forms, phases of development, as well as financial conditions determining their value and economic success.	[SW4] test/exam - oral or written
	[FiRMU2_U07] The student knows how to independently propose solutions to specific problems in the field of finance and accounting based on accepted criteria and lead to decisions in this area.	The student is able to independently propose solutions to specific problems in the field of management accounting based on the assumed criteria and lead to decisions in this area.	[SU4] test/exam - oral or written
	[FiRMU2_W07] The student knows in detail the principles of project evaluation of finance and accounting (profitability of investment projects, assessment of the financial situation of the organization, risk assessment, threat of bankruptcy). The student can identify risks associated with the activities of the organization and correctly determine their consequences and methods of mitigation with the skillful use of theoretical knowledge using a specific research method.	The student knows in detail the principles of evaluation of projects in the field of management accounting. Can identify risks related to the organization's operations and correctly determine their consequences.	[SW4] test/exam - oral or written
	[FiRMU2_U03] The student can analyse in depth the causes, course and effects of processes and phenomena in finance and accounting using advanced theories and appropriate social sciences methods. Can verify simple research hypotheses. Can collect data using information technology.	The student is able to analyse the causes, course and effects of processes and phenomena in the field of management accounting in an in-depth way. Knows the tools and methods of management accounting and uses them to verify the research hypotheses posed.	[SU4] test/exam - oral or written

	Course outcome	Subject outcome	Method of verification
	[FiRMU2_U06] The student creatively uses the acquired knowledge in various scopes and forms to solve problems in finance and accounting that arise in business practice. The student knows the limitations of the usefulness of the applied knowledge.	The student uses the acquired knowledge of management accounting in a creative way in various scopes and forms to solve problems in the field of finance and accounting that arise in business practice. He knows the limitations of the usefulness of applied knowledge.	[SU4] test/exam - oral or written
	[FiRMU2_U02] The student can use advanced theoretical knowledge to describe the causes and course of economic processes and phenomena. The student can formulate his own critical opinions.	The student is able to use advanced theoretical knowledge in the field of management accounting to describe the causes and course of economic processes and phenomena. He can formulate his own critical opinions.	[SU4] test/exam - oral or written

Subject contents	1. The role of management accounting in decision-making. a) purpose, essence and scope of management accounting, b) development of management accounting. 2. Measurement of costs and benefits in management accounting. a) decision-making process diagrams, b) problems of measuring costs in decision-making, the way of approaching problematic calculations. 3. Short-term decisions based on the analysis of the cost-production-profit ratio, sensitivity analysis to changes in revenues and costs, safety margin, the concept of multi-stage accounting and segment margin, decisions with the existence of limiting factors, pricing decisions for special orders. 4. Decentralization of management, centers of responsibility, measures of assessing the effectiveness of the operation of centers of responsibility. 5. Long-term decision effectiveness account: a) types of investments, b) capital budgeting, c) methods of assessing the effectiveness of investment decisions, d) risks associated with long-term decision-making 6. Modern systems for measuring and evaluating achievements in the company, the use of management systems using non-financial measures of achievement, the Balanced Scorecard. 7. Lean accounting

Prerequisites and co-requisites	A. Formal requirements The student should know the curricular content of the following subjects in advance: 1) accounting 2) financial accounting 3) financial reporting 4) financial analysis 5) introduction to management accounting B. Prerequisites Knowledge of accounting principles, Knowledge of constructing the company's chart of accounts, Ability to prepare a statement of turnover and balances, Ability to prepare basic elements of financial statements (balance sheet, profit and loss account, additional information), Knowledge of the principles of financial reporting and the ability to analyze data contained in financial statements, Knowledge of basic indicators of financial analysis, Basic knowledge of identifying, classifying and recording costs.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Written examination with problem tasks and test questions. The detailed conditions are determined by the lecturer at the beginning of the semester.	51.0%	100.0%

Recommended reading	Basic literature	1. M. Ossowski, Rachunek kosztów, ODDK, Gdańsk 2003 2. Praca zbiorowa pod redakcją K.G. Świderskiej, Rachunek kosztów i rachunkowość zarządcza, SKWP, Warszawa 2008
	Supplementary literature	1. S. Sojak, Rachunkowość zarządcza, TNOIK, Toruń 2003. 2. J. Wermut, Rachunkowość zarządcza podręcznik ze zbiorem przykładów, ODDK, Gdańsk 2006.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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