Uniwersytet Ekonomiczny w Katowicach

PRINCIPLES OF COST ACCOUTING - TEAM PROJECT

Syllabus

Basic information

Field of study Finance Electives	**Didactic cycle** 2023/24
Speciality -	**Subject code** EKODFIS.L10SW.1888.23
Organizational unit School of Undergraduate and Graduate Studies	**Lecture languages** English
Study level undergraduate studies	**Mandatory** Elective
Study form full-time	**Block** Free choice electives
Education profile general academic/practical	**Department responsible for the subject** Department of Informatics and International Accounting
	Subject related to scientific research No
	Subject shaping practical skills No

Coordinator	Ewa Maruszewska
Teacher	Ewa Maruszewska

Period	**Form of teaching, number of hours and method of examination**	**Number of ECTS points**
Semester 5	• lecture: 15, Credit with grade	3

Sustainable Development Goals	ethics/ ethical

Goals

Code	Goal
C1	The aim of the course is to present typical, currently used methods of organization and cost calculation (cost accounting systems) and indicate solutions to typical and atypical cost calculation problems. The aim of the course is to develop the ability to select appropriate cost calculation methods for financial accounting, taking into account the specificity of a given entity and the basics of cost organization for management accounting. The aim of the course is to acquire the competence to cooperate in a team by developing the principles of recording and settling costs based on a selected case study.

Recommended requirements

Basics of accounting, financial accounting

Subject's learning outcomes

Code	Outcomes in terms of	Major learning outcomes for the subject	Examination methods
Knowledge:			
W1	Knows and understands the methods used in accounting, in particular the basic mathematical methods used for cost calculation, cost analysis, and legal recording and reporting solutions.	DFI.L_W02	End-of-course assessment - group project
Skills:			
U1	Students can use the acquired knowledge to identify, analyze, and record costs in the accounting system and are also able to formulate and solve problems in the area of cost calculation in conditions that are not fully predictable.	DFI.L_U01	End-of-course assessment - group project
Social competences:			
K1	Students are ready to predict the most important effects of actions taken in the area of cost recording and organization of cost calculation	DFI.L_K04	End-of-course assessment - group project

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Introduction to cost accounting - the importance of cost calculation for financial accounting, cost accounting in financial accounting, typical methods of recording production costs	W1, U1, K1	lecture
2.	Cost accounting for the consumption of materials, labor, indirect costs - waste, defective products, labor cost control, methods of allocating indirect costs	W1, U1, K1	lecture
3.	The cost of producing completed and unfinished production, the impact of the method of allocation of indirect costs on the financial result and the value of inventories	W1, U1, K1	lecture

Course advanced

Activities	Methods of conducting classes
lecture	Lecture using activating techniques, Case study

Activities	Examination method	Percentage
lecture	End-of-course assessment - group project	100%

Activities	Credit conditions
lecture	Timely (20%) submission of the case study (55%) following the given assumptions and a short oral presentation (25%).

Literature

Obligatory

1. Maruszewska E.W.: Rangowanie baz doliczeń kosztów w kalkulacji wynikowej małego przedsiębiorstwa. Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu, 2018, nr 514, s. 237-245.
2. Matuszek J.: The method of determining the technological cost of manufacturing products. Foundations of Management, 2023, 15(1), 101-114.
3. Kludacz-Alessandri M.: The relationship between cost system functionality, management accounting practices, and hospital performance, Foundations of Management, 12(1), 223-236.
4. Papaj E.: Reciprocal Allocation method in service departments. The case of a production enterprise. Management Systems in Production Engineering, 2017, 25(4), 273-277.
5. Potkany M.: Comparison of calculation methods for the production of wood pellets in terms of selected Slovak company. Intercathedra, 2013, 29(1), 54-60.
6. Dynowska J., Lelusz H.: Product Costing and pricing methods applied by enterprises within Warmińsk-Mazurskie Voivodship. Olsztyn Economic Journal, 2013, 8(3), 221-233.
7. Hojna R.: Costing and its usage in product management. Prace Nukowe Uniwersytetu Ekonomicznego we Wrocławiu, 2008, 16, 162-168.
8. Potkany M.: Cost calculation in wood processing industry in the new Century. Intercathedra, 2007, 23, 116-120.

Optional

1. Czubakowska K., Gabrusewicz W., Nowak E.: Podstawy rachunkowości zarządczej. PWE, Warszawa 2007.
2. Myddleton D.: Rachunkowość i decyzje finansowe. PWE, Warszawa 1996.
3. E. Nowak: Analiza i kontrola kosztów przedsiębiorstwa. CeDeWu, Warszawa 2019.
4. Principles of cost accounting. Ed. Hefer J. Oxford University Press, Southern Africa 2013.

Calculation of ECTS points

Activity form	Activity hours*
lecture	15
Preparation of the end-of-course assessment - group project	40
Literature study	20
Analysis of lecture notes	15

Student workload	**Hours** 90
Number of ECTS points	**ECTS** 3

* hour means 45 minutes

Major learning outcomes for the subject

Code	Content
DFI.L_K04	Jest gotów do myślenia i działania w sposób przedsiębiorczy, a także do przewidywania najważniejszych skutków podejmowanych działań.
DFI.L_U01	Potrafi wykorzystać nabytą wiedzę do identyfikacji, analizy i syntezy zjawisk oraz procesów gospodarczych, finansowych, prawnych i społecznych, w tym także w systemie rachunkowości, jak również potrafi formułować i rozwiązywać problemy w obszarze finansów i rachunkowości, także w warunkach nie w pełni przewidywalnych.
DFI.L_W02	Zna i rozumie metody stosowane w finansach i rachunkowości, w szczególności podstawowe metody matematyczne i statystyczne, metody analizy i efektywnego przetwarzania danych finansowych, z wykorzystaniem nowoczesnych narzędzi informatycznych i rozwiązań ewidencyjno-sprawozdawczych.