GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	CORPORATE FINANCIAL ANALYSIS, PG_00070893		
Field of study	Economic Analytics		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
Education level	first-cycle 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	2	Language of instruction	Polish
Semester of study	3	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	exam
Conducting unit	Department of Finance -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Piotr Figura	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	18.0	18.0	0.0	0.0	0.0	36
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	36	3.0	86.0	125

Subject objectives

preparing students to conduct practical analyses of a companys financial situation based on knowledge of financial statements and financial analysis methods, as well as fostering attitudes related to responsible decision-making in the context of economic processes

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_K02] is prepared to make competent and ethical decisions to create and maintain economic, social, and environmental values, demonstrating entrepreneurial actions.	is prepared to make competent and ethical decisions based on the results of a company's financial analysis, taking into account their impact on the creation and maintenance of economic, social, and environmental value.	[SK5] Assessment of ability to solve problems that arise in practice
[K6_U05] leverages the knowledge acquired in the field of economic analytics to solve challenging problems, achieving results that are economically and socially valuable.	is able to apply knowledge of economics to comprehensively analyze a company's financial situation, using financial analysis methods and techniques to identify problems, assess the profitability of activities, and formulate recommendations of significant economic and social importance for the decision-making process.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools
[K6_W03] is familiar with reliable sources of information and employs advanced knowledge to explain the fundamental dilemmas of the contemporary economy	has knowledge and understanding of the methods used to assess a company's financial situation and to analyze the profitability of investment projects, in the context of their application to formulating decision-making conclusions.	[SW1] Assessment of factual knowledge

Subject contents	Course content – lecture 1. Concept, form, function and types of economic analysis. 2. Methods of the analyses, qualitative, quantitative, cause-effect, and comparative. 3. Procedure of the analytical and universal principles of the work of analyst. 4. Revenue analysis and cost analysis. 5. Analysis of profit and profitability of the company. 6. Evaluation of the total assets and total liabilities based on the balance statement. 7. Ratio analysis of tangible assets. 8. Liquidity analysis based on the balance sheet and cash flow. 9. Efficiency in the management of inventories, receivables collection and repayment of liabilities. 10. Analysis of working capital and cash cycle. 11. Analysis of debt. 12. Basis for discriminant analysis and its application in predicting bankruptcy of firms. 13. Test methods for efficiency of investment projects. 14. Analysis of capital market indicators. Course content – exercises 1. Calculation of dynamics indexes and the growth rates for the economic values with the application of different bases. 2. Comparative analysis based on the standard economic indicators of inequality systems. 3. Cause-effect analysis of revenues and net profit. 4. Revenue analysis and cost analysis. 5. Analysis of profit and profitability of the company. 6. Evaluation of the total assets and total liabilities based on the balance statement. 7. Ratio analysis of tangible assets. 8. Calculation and interpretation of indicators of financial liquidity. 9. Evaluation of management of inventories, of the collection of receivables and repayment of liabilities, analysis of working capital and cash cycle. 10. Analysis of debt. 11. Evaluation of the financial situation of companies using selected methods of discriminant analysis. 12. Calculation and interpretation of indicators: NPV, NPVR, the IRR on the basis of investment projects.
Prerequisites and co-requisites	No requirements
Assessment methods and criteria	see table below

Subject passing criteria	Passing threshold	Percentage of the final grade
Calculation and analysis tasks (midterm exams)	60.0%	50.0%
Problem-based test with open-ended questions	60.0%	50.0%

Recommended reading

Basic literature	1. Bednarski, L. (2021). Analiza finansowa w przedsiębiorstwie. Warszawa: CeDeWu. 2. Bławat, F., Drajska, E., Figura, P., Gawrycka, M., Korol, T., Prusak B., (2020). Analiza finansowa przedsiębiorstwa. Ocena sprawozdań finansowych, analiza wskaźnikowa. Warszawa: CeDeWu. 3. Bławat, F., Drajska, E., Figura, P., Gawrycka, M., Korol, T., Prusak B., (2020). Analiza finansowa przedsiębiorstwa. Finansowanie, inwestycje, wartość, syntetyczna ocena kondycji finansowej. Warszawa: CeDeWu. 4. Bławat, F. (2020). Podstawy analizy ekonomicznej. Teorie, przykłady, zadania. Warszawa: CeDeWu. 5. Gabrusewicz, W.(2012). Podstawy analizy finansowej. Warszawa: PWE. 6. Gołębiowski, G., Tłaczała, A. (2013). Analiza finansowa w teorii i praktyce. Warszawa: Difin. 7. Jerzemowska, M. (2018). Analiza ekonomiczna w przedsiębiorstwie. Warszawa: PWE. 8. Pomykalska, B., Pomykalski, P. (2017). Analiza finansowa przedsiębiorstwa. Warszawa: PWN. 9. Sierpińska, M., Jachna, T. (2016). Ocena przedsiębiorstwa według standardów światowych. Warszawa: PWN. 10. Skowronek Mielczarek, A., Leszczyński, Z. (2008). Analiza działalności i rozwoju przedsiębiorstwa. Warszawa: PWE.
Supplementary literature	1. Figura, P. (2012). Wartości wzorcowe wskaźników finansowych przedsiębiorstw giełdowych. Warszawa: CeDeWu. 2. Michalski, G. (2005). Płynność finansowa w małych i średnich przedsiębiorstwach. Warszawa: PWN. 3. Prusak, B. (2012). Wskaźniki rynku kapitałowego - zastosowanie w wycenach przedsiębiorstw oraz w strategiach inwestycyjnych. Warszawa: CeDeWu. 4. Wędzki, D. (2019). Analiza wskaźnikowa sprawozdania finansowego według polskiego prawa bilansowego, Warszawa: Wydawnictwo Nieoczywiste. 5. Wędzki, D. (2007). Zarządzanie płynnością finansową w przedsiębiorstwie. Warszawa: PWN.
eResources addresses	

Example issues/ example questions/ tasks being completed	• Calculate and interpret liquidity ratios for selected stock company. • Calculate and interpret activity ratios for selected stock company. • Calculate and interpret debt ratios for selected stock company. • Conduct the analysis of profitability for selected stock company. • Evaluate the risk of bankruptcy for selected stock company.

Practical activites within the subject	Not applicable

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