



Subject card

Subject name and code	Technical Analysis, PG_00037206						
Field of study	Economic Analytics						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group			Optional subject group 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	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			5.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Economic Analysis and Finance -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Krystian Zawadzki					
	Teachers	dr hab. inż. Krystian Zawadzki					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	16.0	0.0	0.0	0.0	16
	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	16		10.0		99.0	125
Subject objectives	Mastering techniques which facilitate investment decisions.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W09] Knows the ways and tools of acquiring and collecting data, including IT data, used in the analysis and explanation of socio-economic phenomena and processes.		A student distinguishes technical analysis tools.		[SW1] Assessment of factual knowledge		
	[K6_U08] Has the ability to use mathematical and IT tools to analyse economic phenomena and make decisions by economic entities.		A student analyzes the price charts.		[SU2] Assessment of ability to analyse information		

Subject contents	1. Introduction to technical analysis(TA) 2. Dow's theory 3. Price patterns 4. Japan techniques 5. Elliott wave theory 6. Fibonacci numbers 7. TA's ratios 8. Moving averages and oscillators											
Prerequisites and co-requisites	Financial markets.											
Assessment methods and criteria	<table border="1" data-bbox="451 786 1477 882"> <thead> <tr> <th data-bbox="451 786 794 815">Subject passing criteria</th> <th data-bbox="794 786 1137 815">Passing threshold</th> <th data-bbox="1137 786 1477 815">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 815 794 844">passing</td> <td data-bbox="794 815 1137 844">60.0%</td> <td data-bbox="1137 815 1477 844">80.0%</td> </tr> <tr> <td data-bbox="451 844 794 882">activity plus presentation</td> <td data-bbox="794 844 1137 882">0.0%</td> <td data-bbox="1137 844 1477 882">20.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	passing	60.0%	80.0%	activity plus presentation	0.0%	20.0%
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activity plus presentation	0.0%	20.0%										
Recommended reading	Basic literature	1.Wartość przedsiębiorstwa i metody jej wyznaczenia, Monografia Katedry Finansów, Politechnika Gdańska, Gdańsk 2007 2.J. Murphy, Analiza Techniczna, WIG Press, Warszawa 3. J.D. Schwager, Analiza techniczna rynków terminowych										
	Supplementary literature	4.M. J. Pring Podstawy analizy technicznej 5.StockCharts.com - ChartSchool										
	eResources addresses	Adresy na platformie eNauczanie: Analiza techniczna nst 2024 - Moodle ID: 28984 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28984										
Example issues/ example questions/ tasks being completed	1. Indicate the range of price fall KGHM Polska Miedź basing on the Fibonacci techniques.											
Work placement	Not applicable											

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