



Subject card

Subject name and code	Jazz Music Theory, PG_00071042						
Field of study	Mathematics						
Date of commencement of studies	October 2025	Academic year of realisation of subject				2025/2026	
Education level	second-cycle studies	Subject group				Humanistic-social subject group	
Mode of study	Full-time studies	Mode of delivery				e-learning	
Year of study	1	Language of instruction				Polish	
Semester of study	2	ECTS credits				2.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Division of Manufacturing and Production Engineering -> Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Piotr Sender				
	Teachers		dr inż. Piotr Sender				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 30.0						
	eNauczanie source address: <a href="https://enauczanie.pg.edu.pl/2025/course/view.php?id=1669">https://enauczanie.pg.edu.pl/2025/course/view.php?id=1669</a> Moodle ID: 4198 Teoria Muzyki Jazzowej <a href="https://enauczanie.pg.edu.pl/2025/course/view.php?id=4198">https://enauczanie.pg.edu.pl/2025/course/view.php?id=4198</a>						
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	2.0	18.0	50		
Subject objectives	An introduction to blues and jazz music composition. An analysis of the issue why do you listen to music?						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	The student is able to compose a simple jazz phrase, the performance of which improves the listener's well-being.			[SU2] Assessment of ability to analyse information		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	The student will be able to explain jazz chord notation and perform a simple jazz phrase.  Each student participating in the class will be able to play a very simple blues and jazz phrase with simple improvisational elements, which they will then compose themselves.			[SK2] Assessment of progress of work		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications	The student has basic knowledge of Jazz Music Theory.			[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Course content – lecture Physics of Sound, Introduction to Music Basics, Basics of Musical Notation, Jazz Harmony, Jazz Scales, Blues Scale, Jazz Melodies, Rhythm, Melody, Intervals, Scales, Jazz Standards, introduction to blues and jazz composition, the topic: "Why do you listen to music?", musical topics proposed and discussed by students.						
Prerequisites and co-requisites	no basic requirements						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	A presentation or musical composition to pass the course	60.0%			100.0%		

Recommended reading	Basic literature	Dariusz Terefenko: <i>Jazz theory</i>  Robert Rawlins: <i>Jazzology</i> (The Encyclopedia of JAZZ THEORY for All Musicians),
	Supplementary literature	The Open University of Hong Kong: <i>Understanding Basic Music Theory</i> ,  David Berkman <i>The Jazz Harmony Book</i> .
	eResources addresses	Supplementary <a href="http://www.cdur.pl/">http://www.cdur.pl/</a> - chords <a href="https://www.pianochord.org/c.html">https://www.pianochord.org/c.html</a> - chords
Example issues/ example questions/ tasks being completed	Compose a jazz phrase, compose a simple jazz piece (write the sheet music and present it to the rest of the audience), optionally: play your own/someone else's jazz piece, perform a jazz piece of your own composition in music editing software (FL Studio and others.). Jazz music topics: II - V - I (analysis and composition of a jazz music).	
Practical activities within the subject	recommended (not required) independent attempts to create interesting musical sounds	

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