



Subject card

Subject name and code	PHILOSOPHICAL FOUNDATIONS OF CRITICAL THINKING, PG_00070661						
Field of study							
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study Humanistic-social subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		English		
Semester of study	1		ECTS credits		5.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Philosophy and Science Methodology -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Andrzej Karalus				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	45.0	0.0	0.0	0.0	75
	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	75		3.0		47.0	125
Subject objectives	Preparation of students to independently and logically analyze problems and formulate well-reasoned positions based on knowledge of logic, philosophy, and ethics, as well as the development of attitudes related to responsible and critical decision-making in the socio-economic context						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U02] communicates effectively with others by preparing presentations that use terminology specific to the field of engineering management, and by evaluating diverse opinions during discussions and debates.		is prepared to ethically evaluate social and economic phenomena and to make reflective and responsible decisions in the course of collaboration and group discussions		[SU1] Assessment of task fulfilment		
	[K6_W07] knows and understands advanced methods for analyzing the management process in technical, legal, economic, financial, and social contexts.		knows and understands the basic concepts of logic, philosophy, and ethics and is able to explain their significance for critical thinking in the context of social and economic phenomena		[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		
	[K6_K02] is prepared to make competent and ethical decisions to create and maintain economic, social, and environmental values, demonstrating entrepreneurial actions.		is able to use tools of logic and philosophy to problematize socio-economic issues and to present arguments clearly and effectively in discussions and debates		[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Course content – lecture		
	1. Foundations of Logic and Its Significance 2. Concepts, Definitions, and Classifications in Logic 3. Logical Propositions and Propositional Logic 4. Predicate Logic and Elements of Set Theory 5. Logical Reasoning and Problem Solving 6. Foundations of Social and Political Philosophy 7. Classical Concepts of the State and the Social Contract 8. Main Currents of Political Thought: Liberalism, Conservatism, and the Left 9. Contemporary Theories of Justice and Community 10. The Individual, Society, and Power in Contemporary Philosophical Reflection 11. Foundations of Ethics and Its Key Concepts 12. Classical Ethical Theories 13. Ethics and Religion, and Morality in Psychological and Sociological Perspectives 14. Bioethics and Applied Ethics 15. Ethics in Public Life, Science, and the Economy		
	Course content – exercises		
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Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	text exegesis	60.0%	20.0%
	Oxford-style debate	60.0%	15.0%
	Moderated discussion	60.0%	15.0%
	Oral examination	60.0%	25.0%
	Written test	60.0%	25.0%
Recommended reading	Basic literature	1. Przewodnik po współczesnej filozofii politycznej, pod red. Roberta E. Goodina i Filipa Petita, Warszawa 2002, Książka i Wiedza. 2. K. Ajdukiewicz, Zarys logiki. PZWS, Warszawa, 1957.	
	Supplementary literature	1. Alasdair MacIntyre, Krótka historia etyki, PWN, Warszawa, 2000; 2. Przewodnik po etyce, pod red. Petera Singera, Książka Wiedza,Warszawa, 2002. 3. Włodzimierz Tyburski, Ryszard Wiśniewski, Andrzej Wachowiak, Historia filozofii i etyki do współczesności: źródła i komentarze, TNOiK, Toruń, 2002.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	• Examine given sentences and give its conclusion • What is the function of the social contract according to Hobbes?; • What is rationalism in epistemology? • Basic assumptions of conservatism; • What is alienation?; • Why toleration is so important for liberalism?; • Elucidate the concept of sustainable development; • What is utilitarianism?		
Practical activities within the subject	Not applicable		

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