GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Philosophical Foundations of Critical Thinking, PG_00067925		
Field of study	FILOZOFICZNE FUNDAMENTY KRYTYCZNEGO MYŚLENIA		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2025/2026
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	Polish
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 -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Andrzej Karalus	
	Teachers	dr hab. Andrzej Lisak dr Andrzej Karalus dr Jakub Gużyński	

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

eNauczanie source addresses:
Moodle ID: 46791 Filozofia społeczna 2025/2026
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46791

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	5.0	45.0	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_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] Ocena umiejętności rozwiązywania problemów występujących w praktyce
[K6_U02] communicates effectively with others by preparing presentations that use terminology specific to the field of economics, 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] Ocena realizacji zadania
[K6_W07] knows and understands advanced methods for analyzing economic, financial, and social phenomena, taking into account legal and ethical issues.	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	[SW3] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym [SW2] Ocena wiedzy zawartej w prezentacji

Subject contents	**Module: Logic** • What is logic? • Logic and language functions of language • Logic and meaning: names and concepts • Definitions and logical division • Sentences and propositions their forms • Propositional calculus: laws of propositional calculus • Predicate calculus (calculus of functions) • Basic concepts of set theory • Classical propositional calculus • Reasoning: deductive, reductive, and inductive • The significance of logic in solving scientific problems • Logic in economic sciences • Logic and rhetoric • Discussion of selected logical problems and solving exercises **Module: Philosophy** • Definition of social and political philosophy. Social philosophy vs. social sciences and the humanities • Plato and Aristotle: the philosopher as ruler; the allegory of the cave; the philosopher as a sage; Platos ideal state a totalitarian state? • Social contract, state of nature, law, property: Hobbes and Locke • Classical liberalism fundamental principles • Conservatism main features of the conservative worldview • Social critique and criticism of the traditional social contract • Equality, justice, and freedom in left-wing thought • Contemporary liberal thought: Rawls and Dworkin on equality and justice • Rawls and liberal egalitarianism; libertarianism critique of Rawlss theory; Nozick on distributive justice • Communitarianism return to the Aristotelian notion of virtue • The dialectics of individuation and socialization • Domination, violence, and rationality the rationality of the individual and the rationality of history • The individual and society in psychoanalytic thought: culture as a source of suffering • Equality revisited: feminism as a political doctrin Module: ethics 1. Subject of ethics and its field of interest; 2. Basic concepts and problems in ethics, types of ethics; 3. Main ethical theories: consequentialism and utilitarianism; 4. Deontological ethics; 5. Virtue ethics; 6. Ethics and religion; 7. Applied ethics: ethics of sexuality; 8. Bioethics I; eugenics, abortion, euthanasia; 9. Bioethics II: cloning, reprogenetics, GMO, genetic engineering, biotechnologies; 10. Ethics and politics; 11. Business ethics; 12. Ethics of sustainable development; 13. Ethics and morality;

14. Moral psychology;

15. Sociology of morality.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Oxford-style debate	60.0%	15.0%
text exegesis	60.0%	20.0%
Written test	60.0%	25.0%
Oral examination	60.0%	25.0%
Moderated discussion	60.0%	15.0%

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 activites within the subject

Not applicable

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