



Subject card

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| Subject name and code | PHILOSOPHICAL FOUNDATIONS OF CRITICAL THINKING, PG_00070619 | | | | | | |
| Field of study | Engineering Management | | | | | | |
| 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 | | | | 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 -> Faculties of Gdańsk University of Technology | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | | | | | |
| | 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_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 | | |
| | [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 | | |

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| 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 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 | | |
| 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 | <ul style="list-style-type: none"> • 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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