

FACULTY OF MANAGEMENT

SUBJECT CARD**Name of subject in Polish:** Etyka zarządzania i nowe technologie**Name of subject in English:** Ethics of Management and New Technologies**Main field of study (if applicable):** Business Engineering**Specialization (if applicable):** Business Intelligence**Profile:** academic**Level and form of studies:** 2nd level, full-time**Kind of subject:** optional**Subject code:** W08IZZ-SM8037**Group of courses** YES

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	15				15
Number of hours of total student workload (CNPS)	50				
Form of crediting	crediting with grade				
For group of courses mark (X) final course	X				
Number of ECTS points	1				
including number of ECTS points for practical classes (P)					
including number of ECTS points corresponding to classes that require direct participation of lecturers and other academics (BU)	1,36				

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

None

SUBJECT OBJECTIVES

C1 Developing and improving critical and independent thinking skills.

C2 Developing and improving the ability to clearly and unambiguously formulate and express thoughts.

C3 Acquainting with the basic ethical issues related to management and modern technologiesC2

SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:

PEU_W01

Knows and understands the fundamental dilemmas of modern civilization

Relating to skills:

PEU_U01

Is able to apply the knowledge that they have learned to formulate and solve complex and non-routine problems as well as innovatively carry out tasks under unpredictable conditions by:

- properly selecting sources and information from them; conducting an assessment, critical analysis, synthesis and creative interpretation and presentation of this information,
- selecting and using proper methods and tools, including advanced techniques of information communications technology (ICT)
- adapting existing or developing new methods and tools

Relating to social competences:

PEU_K01

Is prepared to behave in a professional and ethical manner; perceives and formulates ethical dilemmas related to his own and someone's work; seeks appropriate solutions and the possibility of correcting irregularities in their attitudes and behavior in the workplace.

PROGRAMME CONTENT

Lecture		Number of hours
Lec 1	Introduction	1
Lec 2	Foundations of ethics – selected issues	2
Lec 3	Outline of Engineering Ethics	2
Lec 4	Outline of Business Ethics	2
Lec 5	Introduction to Philosophical and Ethical Issues of New Technologies	2
Lec 6	Philosophical and Ethical Issues of Information Processing	2
Lec 7	Philosophy and Ethics of AI	2
Lec 8	Big Data and Ethics / Final Test	2
	Total hours	15

Seminar		Number of hours
Semin 1	Introduction – the specificity of the tools provided by the humanities	1
Semin 2	Foundations of ethics – selected issues: discussion	2
Semin 3	Outline of Engineering Ethics – selected examples	2
Semin 4	Outline of Business Ethics – selected examples	2
Semin 5	Introduction to Philosophical and Ethical Issues of New Technologies - discussion	2
Semin 6	Philosophical and Ethical Issues of Information Processing – selected examples	2
Semin 7	Philosophy and Ethics of AI – discussion	2
Semin 8	Big Data and Ethics – discussion of selected examples	2
	Total hours	15

TEACHING TOOLS USED

N1. Interactive lecture
N2. Presentation
N3. Discussion
N4. Brainstorming

EVALUATION OF SUBJECT LEARNING OUTCOMES ACHIEVEMENT

Evaluation (F – forming during semester), P – concluding (at semester end)	Learning outcomes code	Way of evaluating learning outcomes achievement
Lecture		
F1	PEU_W01	Test or in-class presentation
F2	PEU_U01, PEU_K01	In-class activity
Seminar		
F3	PEU_W01, PEU_U01 PEU_K01	In-class activity
P=(F1+F2+F3)/3		

PRIMARY AND SECONDARY LITERATURE	
<u>PRIMARY LITERATURE:</u>	
[1] Da Bomirda M., <i>The Big Data World: Benefits, Threats and Ethical Challenges</i> , Emerald Publishing Limited, 2021 [2] Mele D., <i>Management Ethics</i> , Palgrave Macmillan, 2012 [3] Spence E.H., <i>Stoic Philosophy and the Control Problem of AI Technology</i> , Rowman & Littlefield Publishers, 2021	
<u>SECONDARY LITERATURE:</u>	
[1] Alvanides S., Wiltshire D., <i>Ensuring the ethical use of big data: lessons from secure data access</i> , Heliyon 8, No 2., 2022 [2] Cappalen, H., Dever J., <i>Making AI Intelligible: Philosophical Foundations</i> , 2021 [3] MacIntyre A., <i>A Short History of Ethics</i> , 2022 [4] Shafer-Landau R., <i>Foundations of Ethics: An Anthology</i> , Oxford University Press, 2007 [5] Van de Poel I., <i>Three philosophical perspectives on the relation between technology and society, and how they affect the current debate about artificial intelligence</i> , Human Affairs 30, No 4., 499-511, 2020 [6] Wooldridge M., <i>The Road to Conscious Machines</i> , Pelican, 2020	
SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)	
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