(1) Course title Social Aspects of Modern Technology			**(2)** ECTS code
(3) Name of unit administrating study Faculty of Electronics, Telecommunications and Informatics			
(4) Studies			
faculty	field of study	type	form, specialty, specialization
	postgraduate studies	Full-time studies	

(5) Teaching staff
  dr hab. inż. Marcin Gnyba, prof. uczelni
  prof. dr hab. inż. Małgorzata Szczerska
  dr inż. Maciej Wróbel
  dr inż. Katarzyna Karpienko

(6) Forms of classes, the realization and number of hours	**(7)** ECTS credits 2
A. Forms of classes traditional or e-learning lecture	
B. The realization of activities e-learning	
C. Number of hours 30	

(8) The academic cycle
summer semester 2023-2024

(9) Type of course	**(10)** Language of instruction English

(11) Teaching methods	**(12)** Form and method of assessment and basic criteria for eveluation or examination requirements
	Final evaluation passing the lecture with grade
	Assessment methods test
	The basic criteria for evaluation 100% grade from test
	Method of verifying required learning outcomes [SU2] Assessment of information analysis skills. [SK2] Assessment of work progress. [SW1] Assessment of factual knowledge.

(13) Required courses and introductory requirements
  A. Formal requirements Any
  B. Prerequisites Any

(14) Aims of education

Developing students' social competences related to the assessment of social aspects resulting from the introduction of modern techniques in the field of electronics, telecommunications and computer science.

(15) Course contents

Lectures on topics related to the impact of information technologies on the environment and society in the following aspects: sociological (how have social behaviors changed; the impact of IT on the equalization of opportunities in education and access to the labor market for people with disabilities; changes in the way of working caused by the transfer of IT), anthropological (how technology affects the cultural aspects of life), medical (impact on the health of living creatures), legal (the correct use of devices, programs, personal data protection), psychological (the impact of technology on the psyche of the user, designer).

(16) Bibliography

1. Castells M.: Rise of the Network Society. John Wiley & Sons, 2009
2. Carr N.:The Shallows: What the Internet Is Doing to Our Brains, W.W. Norton 2011
3. Kremling J., Sharp Parker A. M.: Cyberspace, Cybersecurity, and Cybercrime SAGE Publications, Inc; 1st edition 2017
4. Spinello R. A.: Cyberethics: Morality and Law in Cyberspace: Jones & Bartlett Learning; 7th edition, 2020

(17) The learning outcomes	**(17 A)** Knowledge has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications
	(17 B) Skills is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems
	(17 C) Social competence is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment

(18) Contact

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