

WEAiI Kierunkowe efekty uczenia się CE 1st. 2017

Od roku	Kategoria	Symbol efektu	Opis efektu
2017	W	K_W01	Has knowledge in the area of basic education, i.e. mathematics, physics, and others necessary for solving engineering problems.
2017	W	K_W02	Knows basic topics in the area work safety and ergonomics, economy, economy law, entrepreneurship principles and copyright protection regulations.
2017	W	K_W03	Has general knowledge of humanities and social education.
2017	W	K_W04	Knows and understands a foreign language theory and terminology at the B2 level of the European language evaluation scale
2017	W	K_W05	Has a general knowledge in the engineering disciplines associated with the computer science.
2017	W	K_W06	Has knowledge in programming and software engineering. Understands basic processes in the computer systems' life cycle.
2017	W	K_W07	Has knowledge in the computer networks and operating systems area.
2017	W	K_W08	Has knowledge in data bases area.
2017	W	K_W09	Has knowledge in computer graphics area.
2017	W	K_W10	Has knowledge in selected methods of artificial intelligence and their applications in computer science.
2017	U	K_U01	Can utilize gained knowledge in the area of basic education, i.e. mathematics, physics, and others necessary for solving engineering problems.
2017	U	K_U02	Can practically use his knowledge of the area work safety and ergonomics, economy, economy law, entrepreneurship principles and copyright protection regulations and perform economical evaluation of proposed engineering solutions.
2017	U	K_U03	Can perceive metatechnical, system, social and ethical aspects of the proposed engineering tasks and their solutions.
2017	U	K_U04	Can use a foreign language at the B2 level of the European language evaluation scale.
2017	U	K_U05	Can individually plan and run a live-long self-education process.
2017	U	K_U06	Can select the sources of information with the use of advanced ICT techniques in the correct way. He can validate and synthesize data from various sources.
2017	U	K_U07	Can individually and in a team perform engineering tasks and run basic scientific research, interpret its results and make conclusions.
2017	U	K_U08	Can use specialist terminology (also in a foreign language) and judge other opinions in a debate.
2017	U	K_U09	Can utilize knowledge in the engineering disciplines associated with the computer science.
2017	U	K_U10	Can design, according to a given specification, perform and maintain computer systems. Can provide a critical evaluation and propose improvements to existing solutions.
2017	U	K_U11	Can design, according to a given specification, perform and maintain computer networks with appropriate methods and techniques.
2017	U	K_U12	Can install, configure and administer operating systems, with the use of appropriate methods and techniques.
2017	U	K_U13	Can design, according to a given specification, perform and maintain data bases with appropriate methods and techniques.
2017	U	K_U14	Can use the tools for the processing and analysis of digital images, with appropriate methods and techniques.
2017	U	K_U15	Can apply selected methods of AI to basics computer science tasks with appropriate methods and techniques.
2017	K	K_K01	Can make decisions, also in difficult situations, critically validate his knowledge and the range of problems solved both individually and in a team.
2017	K	K_K02	Is aware of the accomplished task's impact and can initiate activities for good of

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			the public interest.
2017	K	K_K03	Can think and act entrepreneurially.
2017	K	K_K04	Can act in accordance with ethics and respect to the professional tradition. Promotes a pro-quality culture and the right standards of behaviour both in the professional environment and private life.