LEARNING OUTCOMES OF THE PROFESSIONAL UNDERGRADUATE STUDY COMPUTER ENGINEERING

MARKING	LEARNING OUTCOMES
LO1	Apply acquired learning skills, fundamental professional knowledge, and problem-solving necessary for continuing studies at a higher level
LO2	Use the English language in the field of ICT when communicating with experts and laypersons
LO3	Work in teams, manage professional projects, and collaborate with experts from the real sector
LO4	Apply communication and professional ethics
LO5	Identify trends in ICT technologies in the domestic and international markets
LO6	Analyze user needs (research and detect data sources, currently present business systems, technological limitations, specific business environment characteristics)
LO7	Develop program code in multiple programming languages using modern methods and tools
LO8	Apply relevant mathematical and statistical methods in software engineering
LO9	Identify the basic specifics of operating systems
LO10	Differentiate types and communication protocols of computer networks
LO11	Apply database basics through creating, modelling, and administering databases
LO12	Choose data structuring methods in program code, as well as techniques for writing complex program forms, and utilize standard algorithms
LO13	Develop applications using the object-oriented paradigm in solving programming tasks
LO14	Analyze basic elements of electrical engineering and digital circuits and identify computer architecture
LO15	Use Cloud computing as a concept for accessing data and applications
LO16	Develop web and mobile projects, applying advanced technologies, and connecting with databases using modern methods and tools
LO17	Choose the appropriate programming language and technology in solving programming tasks
LO18	Apply standards, methods, and techniques for analysing security threats and combating risks
LO19	Use tools and methods for planning, building, and maintaining computer networks based on wired or wireless communication media
LO20	Install, configure, and manage specific operating systems and network services in complex network environments