

Name: IT Security of Health Care Systems		NEPTUN-code: NBXEI1PMNE	Number of periods/week: full-time: 2 lec + 0 sem + 1 lab
Credit: 3 Requirement: mid-term mark		Prerequisite: NBXIB1EMNE Safety Technology of Information Systems	
Responsible: Valéria PÓSER, Ph.D.	Position: associate professor	Faculty and Institute name: John von Neumann Faculty of Informatics Institute of Biomatics	
Way of assessment: – mid-term exams			
Competences			
Course description:			
The information technology tasks of the health care, special data. Information systems in healthcare. The special defensive requirements in the health care, regulations, standards, recommendations. The qualification of the information systems and services. Data management, data rescue and data storage, Data Loss Prevention. The safety of health care databases, data storage. System management, the uniform version control of the software. Access control, data transfer, data integration. Mobility, remote access, gateway between the information systems of family doctor and hospital. The techniques of network security in the public health. National Health Information System.			
Literature			
József Ködmön: Health Care Informatics, Digitális Tankönyvtár, 2011 (in Hungarian) Guide to Privacy and Security of Electronic Health Information, 2015 (electronic notes)			