Subject name: Introduction to Networks (CIS)		1)	<b>NEPTUN-code:</b> ATKCI1KBNE	<i>Weekly hours:</i> full time course 2 lectures+0 seminar+2 lab	
Credit: 4		Proro	Prerequisits:		
<i>Requirement:</i> mid-year degree		no			
Lecturer: <i>Position:</i>		Institute name:			
dr. Nagy Rezső	assoc.prof.		Óbuda University Alba Regia Technical Faculty		
<i>Way of assesment:</i> Online chapter assessme	ents, PT skills a	assessm	nents and Final Exam	(min. 80%).	
Subject description					
models, protocols, and priorities of Fortune 500 simple local area netwo	networking e companies to orks (LANs) y	element small i ourself	s – functions neede nnovative retailers. Y . You'll have a wor	s course introduces architectures, ed to support the operations and You'll even get the chance to build king knowledge of IP addressing asic configurations for routers and	
Topics: 1. Basic Network Con 2. Protocols and Mode 3. Building a Small N 4. Securing a Small N 5. Communicating Be 6. Ethernet Concepts 7. Ethernet Switching 8. Network Layer 9. IP Addressing 10. Transport Layer 11. Network Applicat 12. Case Study 13. Final Exam 14. Improvement	els etwork etwork tween Netwo	rks			
		Co	mnetencies		
<ul> <li>Competencies</li> <li>Build simple LANs, perform basic configurations for routers and switches, and implement IPv4 and IPv6 addressing schemes.</li> <li>Configure routers, switches, and end devices to provide access to local and remote network resources and to enable end-to-end connectivity between remote devices.</li> <li>Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.</li> <li>Configure and troubleshoot connectivity a small network using security best practices</li> </ul>					
Bibliography:					
online material					