Network Security and Design Summer School

Join us for an immersive and comprehensive Network Security and Design Summer School, where participants will delve into the exciting world of network security, configuration, architecture, and design. This intensive program is designed for students and professionals seeking to enhance their knowledge and skills in securing and optimizing network infrastructures.

Course Overview: The Network Security and Design Summer School provides a unique opportunity to explore the fundamental concepts, methodologies, and best practices in network security and design. Participants will engage in hands-on activities, practical workshops, and interactive discussions. The Network Security and Design Summer School's content is aligned with the Cisco Courses CCNA2 and CCNA3. If you succeed in passing the hands-on hackathons, you will receive Cisco certified diplomas that endorse your knowledge.

Other Details:

- This summer school takes place in July, every **Tuesday, Wednesday and Thursday, from 11am** (exception: on week 3 will be doing Monday and Tuesday)
- Instructors: Răzvan Rughiniș and Flavia Oprea
- You need to enroll in order to participate
- If you pass the exams, you will receive CCNA2 and CCNA3 Cisco Certified diplomas
- We will offer special prizes for the best hackathon projects
- What you need to know: CCNA1 or basic networking concepts (OSI and IPv4 concepts)

	Concept 1	Concept 2	Concept 3	Hands-on Lab
2nd of July, Tue	Introduction	Basic Switching Concepts	Routing Concepts	Switch Configuration
3rd of July, Wed	VLANs	Inter-VLAN Routing	Static Routing	VLANs + Routing
4th of July, Thu	STP	Etherchannel	FHRP	Redundancy Lab
9th of July, Tue	DHCP	LAN Security	LAN Security Configuration	DHCP + LAN Security Configuration
10th of July, Wed	OSPF	Network Security Concepts	-	OSPF Configuration
11th of July, Thu	ACL	NAT	-	ACL + NAT Configuration
15th of July, Mon	WAN Concepts	VPN and IPsec	QoS	WAN + VPN Configuration
16th of July, Tue	Network Management	Network Virtualization	Network Design	Recap
23rd of July, Tue	Networking and Security Workshop			
24th of July, Wed	Hackathon Day 1			
25th of July, Thu	Hackathon Day 2			

Register now for Network Security and Design Summer School: Register for NSDSS

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