جامعة الزبتونسة الأردنية

AI-Zaytoonah University of Jordan



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			Faculty of		دة"	عراقة وجو " on and Quality
Brief co	ourse des		an Development and Updating F Department	Procedures	QI	FXX/0409-3.0E
Faculty			Academic Department	Compute Science\Com Network	puter	Number of the course plan
Number of Marequirement courses	ajor		Date of plan approval			
This form is ju	ust for t	the major requiren	nent courses			
Course number	Credit hours	t	Title of the course			Prerequisite- co-requisite
0122344	3	Network Man	agement			Analysis & Design Of Networks Systems
networks and blocks (inform by doing", and	overs th services nation r d require	s. Management fu models, manageme es students to cor	oundations of network managunctions and management are ent communication, protocol nduct a series of lab exercises nciples, and be able to apply	chitectures, mar s. The course e . Through these	nageme emphasi e labs,	nt building zes "learning students can

problems.			
Course	Credit	Title of the course	Prerequisite-
number	hours		co-requisite
0122481	3	Networks Monitoring & Documenting	Network
			Management

Brief description

This course covers standard information that a network administrator can use to monitor, analyze, and troubleshoot a group of distributed local area networks (LANs) and interconnecting T-1/E-1 and T-2/E-3 lines from a central site. The course emphasizes "learning by doing", and requires students to conduct a series of lab exercises. Through these labs, students can enhance their understanding of the principles, and be able to apply those principles to solve real problems.

Course	Credit	Title of the course	Prerequisite-
number	hours		co-requisite
0122447	3	Network Security	Information
			security

Brief description

In this course, student will learn the fundamental principle of network and mobile security by studying attacks on mobile, network, and web site. Students will learn how those attacks work and how to prevent and detect them. This course will cover the design and analyze secure networked systems, develop secure programs with basic cryptography, perform vulnerability scanning, and secure networked systems with Firewall and IDS. The course emphasizes "learning by doing", and requires students to conduct a series of lab exercises. Through these labs, students can enhance their understanding of the principles, and be able to apply those principles to solve real problems. Course Title of the course Credit Prerequisitenumber hours co-requisite

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Al–Zaytoonah University of Jordan کلیة



Faculty of

" عراقة وجودة" "Tradition and Quality"

	Brief co	urse descri	iption- Course Plan Development and Updating Procedures\ Department	QFXX/0409-3.0E
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0	122383	3	Networks Design and Simulation 2	Networks Design and Simulation 1
T in to an in la se	icluding conf pologies, tro nd OSPF, und nplementing ib by GNS3 e eries of lab est	aches stud iguring a bubleshoot derstand in First hop emulator. xercises.	lent how to install, operate, configure, and verify a basic IP n IP router, identifying basic security threats, understanding ing common network issues, connecting to a WAN, configu- ng wide-area network technologies, securing wired and wire redundancy protocols to improve reliability and load baland. The course emphasizes "learning by doing", and requires s Through these labs, students can enhance their understanding use principles to solve real problems.	Pv4 and IPv6 network, g redundant uring RIP, EIGRP eless networks, acing, building virtual students to conduct a
-	Course	Credit	Title of the course	Prerequisite-
n	umber	hours		co-requisite
	erief description			
C	Course	Credit	Title of the course	Prerequisite-
n	umber	hours		co-requisite
В	rief description	on		
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	Approved by		Date of approx	V91

Approved by	Date of approval	
department council		