

UNITED INTERNATIONAL UNIVERSITY COURSE SYLLABUS

1	School		School of Science and Engineering (SOSE)						
2	Departn Centre	nent /	Computer Science and Engineering						
3	Program	ıme	CSE						
4	Name of	f Course	Computer Networks Lab						
5	Course (Code	CSE 324						
6	Trimest	er and Year	Fall 2017						
7	Pre-requ	iisites	Structured Programming Language Lab (CSI 122)						
8	Status								
9	Credit H	Iours	1						
10	Section		D						
11	Class Ho	ours	Sunday: 11:20 AM – 02-00 PM (Sec D)						
12	Class Location		Computer Lab # 4						
13	Course v	website	www.elms.uiu.ac.bd						
	Name (s								
14	Academ		(, , , , , , , , , , , , , , , , , , ,						
15	Instructe Contact	or(s)	mmelahi@cse.uiu.ac.bd, azim.cy@gmail.com						
			Room # 522 (5th Floor, glassroom on the right of the elevator/lift), Main Campus						
Room # 522 (5" Floor, glassroom on the right of the elevator/lift), Main C									
	Councelling Hours		Sunday, Monday & Wednesday			3 PM - 5 PM			
	Counselling Hours		Thursday			2 PM - 4 PM			
17 18	Tout Pou	.1.	None Materials will be provided in the leb						
19	Text Book		None. Materials will be provided in the lab. None.						
20	Teleformer and the second seco								
20	Equipm	ent & Alus		rović	le them wit	h a practical base in			
21	Course Rationale		This course is required for the students to provide them with a practical base in computer network issues and network applications using the existing protocols and						
	Course		architectures.						
22									
				LOs	Reading	Activities			
	Lab		Topics/Assignments		Reference	Activities			
		Introduc	ction to Network Lab, Understanding TCP-IP	3	Lab	Q/A,			
	1		Torrest Lab, Charlet and ing 1 cl - II		sheet	Lab Experiment,			
				1,		Assignment			
			IP Addressing and Subnetting, Introduction to Packet		Lab	Quiz 1,			
	2	Tracer, OS	I vs. TCP/IP layering models, Building a single-	2,	sheet	Lab Experiment,			
1			segment Network using PT	3		Assignment			

					1		
					1		Quiz 2,
	3		Basic Router Config	uration		Lab	Lab Experiment,
						sheet	Assignment
		Internetworking: Static and Default Routing / Term Project Assignment			4,	Lab	Quiz 3,
	4				6	sheet	Lab Experiment,
							Assignment
		Dynamic Routing (RIP/OSPF) & Dynamic Host Configuration Protocol (DHCP)			4,	Lab	Quiz 4,
	5				6	sheet	Lab Experiment,
							Assignment
							TIT 1:: 0 1
	6		Midterm Exam				Written Quiz, Practical
	7	Extending Networks – Building a Wireless LAN (Wi-Fi)			4	Lab	Lab Experiment,
						sheet	Assignment
						Lab	Quiz 5,
	8	Virtual Lan (VLAN) & Inter-VLAN Routing				sheet	Lab Experiment,
		virtual Earl (v Erriv) & filler v Erriv Routing			6	SHEEt	Assignment
	0	Packet-level Firewalls – Access Control Lists (ACLs)			5	Lab	Quiz 6, Lab
	9					sheet	Experiment
		Network Address Translation (NAT) – Connecting to an				Lab	Quiz 7,
	10	ISP (Internet)			4, 6	sheet	Lab Experiment
	- 11	·			<u> </u>		
	11	Term Project Presentation / Demonstration		7			
1							
	12		Final Exam				Written Quiz,
	12		Final Exam				Written Quiz, Practical
	12		Final Exam	Assessment Types		Marks	
	12		Final Exam			Marks	
	12 Assessm	ent	Final Exam	Assessment Types	aizzes		
23		-	Final Exam	Assessment Types Attendance	uizzes	10%	
23	Assessm	-	Final Exam	Assessment Types Attendance Lab assignments & Qu	ıizzes	10%	
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