

The study plan - Bachelor of Computer Network Engineering Technology

Level 1							
Term 1				Term 2			
No	Code	Course	Credit	No	Code	Course	Credit
1		Islamic Culture	2	1		Engineering Drawing	3
2		Arabic Language	2	2		Introduction to Programming	3
3		English Language (1)	3	3		English Language (2)	3
4		Introduction to Computer	3	4		Discrete Mathematics	3
5		Calculus	3	5		Linear Algebra	3
6		Statistics and Probabilities	3	6		Electronics Physics	3
7		General Physics	3	7		Electrical Circuits	3
Level 2							
Term 1				Term 2			
No	Code	Course	Credit	No	Code	Course	Credit
1		Database (1)	3	1		Database (2)	3
2		Differential Equations	3	2		Operating systems	3
3		Data Structures and Algorithm	3	3		Computer Architecture and Organization	3
4		Data Communication	3	4		Computer Networks	3
5		Digital Design	3	5		Object Oriented Programming	3
6		Web Technology	3	6		Instruments and Measurements	3
Level 3							
Term 1				Term 2			
No	Code	Course	Credit	No	Code	Course	Credit
1		Visual Programming	3	1		Research Methodologies	3
2		TCP/ IP Suits	3	2		Switching and Routing	3
3		Software Engineering	3	3		Wireless Communication Networks	3
4		Information Security	3	4		Network Security	3
5		Digital Signal Processing	3	5		Performance Modeling and Simulation for Computer Networks	3
6		Web Development and Design	3	6		Networks Operating System	3
Level 4							
Term 1				Term 2			
No	Code	Course	Credit	No	Code	Course	Credit
1		Distributed Systems	3	1		Storage Technology and Data Centers	3
2		Network Administration and Maintenance	3	2		Computer Ethics	3
3		High Speed Networks and WAN	3	3		Elective (3)	3
4		Elective (1)	3	4		Elective (4)	3
5		Elective (2)	3	5		Graduation Project (2)	4
6		Graduation Project (1)	2				

Elective Courses		
1. Fiber Optic	2. Digital Forensics	3. Mobile Computing
4. Voice over IP	5. Firewall and Intrusion Detection	6. Visualization
7. Cloud Computing	8. Servers and Technology	9. Real Time Systems
10. Multimedia Networks	11.	12.