



الخطة الدراسية لقسم الشبكات والاتصالات

Study Plan of Networks and Telecommunication Dept.

First semester

Course No.	Course Title	Unit	Prerequisite
GEN102	Mathematics I	2	None
GEN104	Physics I	2	None
CNE406	Stochastic And Random Process	2	None
GEN101	General English I	2	None
GEN103	Arabic Language	2	None
GEN107	Computer Basic	2	None
	*Total	12	

Second semester

Course No.	Course Title	Unit	Prerequisite
GEN202	Mathematics II	2	GEN102
GEN204	Physics II	2	GEN104
GEN201	General English II	2	GEN101
CNE300	Electrical Basic	3	
	*Total	9	

Third semester

Course No.	Course Title	Unit	Prerequisite
CNE301	Discrete Math	3	None
CNE302	Fundamentals OF Information Systems	3	None
CNE303	Programing I	3	None
CNE304	Technical Report	3	None
CNE305	Network Fundamental	3	None
CNE306	Internet Program	3	None
	*Total	18	

Fourth Semester

Course No.	Course Title	Unit	Prerequisite
CNE400	Telecommunications	3	None
CNE401	Operating System	3	CNE302
CNE402	Circuit Theory	3	CNE301
CNE403	II Programing	3	CNE303
CNE404	Advance Internet Program	3	CNE306
CNE405	Date Base	3	None
	*Total	18	

Fifth Semester

Course No.	Course Title	Unit	Prerequisite
CNE500	Network Protocols	3	CNE305
CNE501	Network lab	2	CNE500
CNE502	Computing Ethics & Society	3	CNE302
CNE503	Security Principle And Practice	3	CNE305
CNE504	Computer Organization	3	CNE404
CNE505	Data Communications	3	CNE400
	*Total	17	



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Sixth Semester

Course No.	Course Title	Unit	Prerequisite
CNE600	Satellite Communication Principle	3	CNE400
CNE601	Digital Signal Process (DSP)	3	CNE400&500
CNE602	Wireless And Mobile Communication	3	CNE400
CNE603	Network Operating System	3	CNE500
CNE604	Multimedia Network	3	CNE500
CNE605	Artificial Intelligent	3	CNE503
	*Total	18	

Seventh Semester

Course No.	Course Title	Unit	Prerequisite
CNE700	Final Project I	3	None
CNE701	Optical Communications stems	3	CNE600
CNE702	Mobile Commerce	3	CNE602
CNE703	Project Management	3	CNE304
CNE704	Network Planning And Deployment	3	CNE603
CNE705	Network Optimization	3	CNE603
	*Total	18	

Eighth Semester

Course No.	Course Title	Unit	Prerequisite
CNE800	Final Project II	6	CNE305
CNE801	Authentication And Payment Protocols	3	CNE500
CNE802	Microprocessor And Application	3	CNE305
CNE804	Clouding Distributed Network	3	CNE704
	*Total	15	

Total Units: 125 Total Courses: 44