

Report of study plans

Academic year 2017 **First Semester:**

College: **Faculty of Computing Studies Section: Information Technology**

Grade: **Bachelors BSc Information Technology & Computing / Specialization: Networking and Security**

The number of 131

Type of requir University Requirements/ Mandatory 18 **Hours:**

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisit	Requirement	Relation
AR111	Arabic Communication Skills (I)	1	3				
AR112	Arabic Communication Skills (II)	1	3		AR111	Previous	-
EL111	English Communication Skills (I)	1	3			1	1
EL112	English Communication Skills (II)	1	3		EL111	Previous	-
GR101	Self-Learning Skills	1	3				•
TU170	Computing Essentials	1	3				

Type of requir University Requirements/ Elective 3 **Hours:**

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisit	Requirement 1	Relation
BE322/4	Intrepreneurship and Small Business Manage	1	4	BUS115	B120	Previous	-
CH101	Chinese for Beginners (I)	1	3				
CH102	Chinese for Beginners (II)	1	3		CH101	Previous	-
EL118	Reading	1	4		EL111	Previous	-
FR101	French for Beginners (I)	1	3				
FR102	French for Beginners (II)	1	3		FR101	Previous	-
GR111	Arab Islamic Civilization	1	3			•	
GR112	ssues and Problems of Development in the Ar	1	3				
GR115	Current International Issues and Problems	1	3				
GR116	Youth Empowerment	1	3				
GR117	Empowerment of Women	1	3				
GR118	Life Skills	1	3				
GR121	Environment and Health	1	3				
GR131	History and Civilization of ksa	1	3				
SL101	Spanish for Beginners (I)	1	3				
SL102	Spanish for Beginners (II)	1	3		SL101	Previous	-

Type of requir **Mandatory Specialization Requirements Hours:** 96

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisit	Requirement '	Relation
MT131	Discrete Mathematics	1	4		EL111	Previous	-
MT132	Linear Algebra	1	4		EL111	Previous	-
TM103	Computer Organization and Architecture	1	4		EL111	Previous	-



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Networking and Security

Academic year 2017 Semester: First

College: Faculty of Computing Studies Section: Information Technology

Grade: Bachelors Specialization: BSc Information Technology & Computing /

The number of 131

Type of requir Mandatory Specialization Requirements Hours: 96

Mandatory Specializati	ion Kequi	rements	Hours:	96		
Course Description	No. of Par	Credit hou	Equivalents	Prerequisit	Requirement '	Relation
Introduction to Programming	1	4		EL111	Previous	-
ntroduction to Computing and Information T	1	8	M150	EL111	Concurrent	-
1			M150A			
			M150B			
ntroduction to Computing and Information T	1	8	T175	TM111	Previous	-
1			T175A			1
			T175B			
Object-Oriented Programming using Java	1	8	T215B	TM105	Previous	-
Cisco networking (CCNA)-A	1	8		TM112	Previous	-
Cisco networking (CCNA)-B	1	8		T216A	Previous	-
Change, Strategy and Project at Work	1	8	T215A	TM112	Previous	-
Advanced Networking	1	8	T324	T216B	Previous	-
Applied Network Security	1	8	T325	TM260	Previous	And
1				T216B	Previous	And
Web, Mobile and Cloud Technologies	1	8	M359	M251	Previous	-
Graduation Project	2	8	T471	T316	Previous	Or
1			1	TM352	Concurrent	Or
				T318	Previous	Or
	Course Description Introduction to Programming ntroduction to Computing and Information T object-Oriented Programming using Java Cisco networking (CCNA)-A Cisco networking (CCNA)-B Change, Strategy and Project at Work Advanced Networking Applied Network Security Web, Mobile and Cloud Technologies	Course Description Introduction to Programming Introduction to Computing and Information T Object-Oriented Programming using Java Cisco networking (CCNA)-A Cisco networking (CCNA)-B Change, Strategy and Project at Work Advanced Networking Applied Network Security Web, Mobile and Cloud Technologies 1	Introduction to Programming 1 4 Introduction to Computing and Information T 1 8 Introduction to Computing and Information T 1 8 Object-Oriented Programming using Java 1 8 Cisco networking (CCNA)-A 1 8 Cisco networking (CCNA)-B 1 8 Change, Strategy and Project at Work 1 8 Advanced Networking 1 8 Applied Network Security 1 8 Web, Mobile and Cloud Technologies 1 8	Course Description Introduction to Programming Introduction to Computing and Information T M150A M150B M150B	Course Description Introduction to Programming 1 4 EL111 Introduction to Computing and Information T 1 8 M150 EL111 M150A M150B Introduction to Computing and Information T 1 8 T175 TM111 T175A T175B Object-Oriented Programming using Java 1 8 T215B TM105 Cisco networking (CCNA)-A 1 8 TM112 Cisco networking (CCNA)-B 1 8 T215A TM112 Change, Strategy and Project at Work 1 8 T215A TM112 Advanced Networking 1 8 T324 T216B Applied Network Security 1 8 T325 TM260 T216B Web, Mobile and Cloud Technologies 1 8 M359 M251 Graduation Project 2 8 T471 T316 TM352	Course Description Introduction to Programming 1 4 EL111 Previous Introduction to Computing and Information T 1 8 M150 EL111 Concurrent M150A M150B Introduction to Computing and Information T 1 8 T175 TM111 Previous T175A T175B Object-Oriented Programming using Java 1 8 T215B TM105 Previous Cisco networking (CCNA)-A 1 8 TM112 Previous Cisco networking (CCNA)-B 1 8 T215A TM112 Previous Change, Strategy and Project at Work 1 8 T215A TM112 Previous Advanced Networking 1 8 T324 T216B Previous Advanced Network Security 1 8 T325 TM260 Previous Applied Network Security 1 8 T325 TM260 Previous Web, Mobile and Cloud Technologies 1 8 M359 M251 Previous Graduation Project 2 8 T471 T316 Previous TM352 Concurrent

Faculty Requirements/ Mandatory Hours: 8

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisit	Requirement 7	Relation
MT129	Calculus and Probability	1	4		EL099	Previous	-
CAS400	Applied Studies For Computing Students	1	4		TM354	Registered	-

Type of requir Faculty Requirements/ Electives Hours: 6

Course:	Course Description	No. of Par	Credit hou	Equivalents	Prerequisito	Requirement '	Relation
M109	.NET Programming	1	3		EL111	Previous	-
MS102	Physics	1	3		EL111	Previous	-
MT101	General Mathematics	1	3				
TM290	Cryptography and Information Security	1	3		TM112	Previous	-
MT395	Applied Cyber Security	1	3		TM260	Previous	-