



الخطة الدراسية لقسم تكنولوجيا البناء Study Plan of Building Technology Dept

First semester

Course No.	Course Title	Unit	Prerequisite
GENB-101	General English 1	2	-
ENGB-111	Mathematics 1	2	-
BTE-121	Architectural Design Basics	5	-
ENGB-132	Physics 1	2	-
ENGB-103	Engineering Drawing	4	-
	*Total	15	

Second semester

Course No.	Course Title	Unit	Prerequisite
GENB-201	General English 2	2	GENB-101
ENGB-212	Mathematics 2	2	ENGB-111
BTE -222	Architectural Design (1)	5	BCE -121
ENGB-232	Physics 2	2	ENGB-132
BTE -241	Construction Theory 1	2	-
BTE -251	Free hand drawing	5	-
	*Total	18	

Third semester

Course No.	Course Title	Unit	Prerequisite
BTE -300	Architectural Design (2)	6	BTE -221
BTE -301	Design Presentation 1	3	-
BTE -302	Construction Theory 2	2	BTE -241
BTE -303	Creation of architect 1	2	-
BTE -304	Construction design 1 (concrete)	3	-
BTE -305	Building Services (1) electrical systems	2	BTE -222
	*Total	18	

Fourth Semester

Course No.	Course Title	Unit	Prerequisite
BTE - 400	Architectural Design (3)	6	BTE -300
BTE - 401	Architectural manifesting	3	BTE -221
BTE - 402	Construction design 2 (Steel)	3	BTE -304
BTE -403	Creation of architect 2	2	BTE -303
BTE -404	Building Services (2) plumbing systems	2	BTE -222
BTE -405	Survey	2	-
	*Total	18	

Fifth Semester

Course No.	Course Title	Unit	Prerequisite
BTE -500	Architectural Design (4) (Executive drawings)	6	BTE -400
BTE -501	Construction Systems 1	3	BTE -403
BTE -502	Properties& resistance materials	2	-
BTE -503	Design Presentation 2	3	BTE -301
BTE -504	Building Services (3) Mechanical Systems	2	BTE -221
BTE -505	Environmental control systems	2	-
	*Total	18	



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Sixth Semester

Course No.	Course Title	Unit	Prerequisite
BTE -600	Architectural Design (5) (Buildings Services)	6	BTE -301
BTE -601	Construction Systems 2	3	BTE -501
BTE -602	CAD application	3	-
BTE -603	Environmental Engineering (1) Lighting systems	2	BTE -505
BTE -604	Research Methods	2	-
GENB- 104	Islamic education	2	-
	*Total	18	

Seventh Semester

Course No.	Course Title	Unit	Prerequisite
BTE -700	Technical project Part I (graduation project)	6	BTE -600
BTE -701	Structural analysis	3	BTE -601
BTE -702	Environmental Engineering (2) audio systems	3	BTE -505
BTE -703	Construction Technology (1) Materials Science	2	BTE -502
BTE -704	Reinforced concrete design	2	BTE -304
GENB-105	Arabic Language	2	-
	*Total	18	

Eighth Semester

Course No.	Course Title	Unit	Prerequisite
BTE -800	Technical project Part II (integrated design)	8	BTE -700
BTE -801	Environmental Engineering (3) energy systems	3	BTE -505
BTE -802	Construction Technology (2) Concrete Technology	2	BTE -703
BTE -803	Professional Practice	2	-
GENB-103	Computer Skills	2	-
	*Total	17	

*Total Course Units: 140

*Total Courses: 46