

الخطة الدراسية لبرنامج هندسة وإدارة مواقع التشييد
 بنظام الساعات المعتمدة
 السنة الأولى
 (المستوى صفر لطالب ملتزم بالخطة)

الفصل الدراسي الأول:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
EMP101	Engineering Mathematics (1)	3	2	2	-	100	---
EMP103	Physics (1)	3	2	-	3	100	---
EMP105	Engineering Chemistry	3	2	-	3	100	---
EMP106	Engineering Mechanics (1)	3	2	2	-	100	---
MDP101	Engineering Drawing (1)	3	2	-	3	100	---
GEN101	English Language	2	2	-	-	100	---
		17	12	4	9	600	

الفصل الدراسي الثاني:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
EMP102	Engineering Mathematics (2)	3	2	2	-	100	EMP101
EMP104	Physics (2)	3	2	-	3	100	EMP103
EMP107	Engineering Mechanics (2)	3	2	2	-	100	EMP106
CPE101	Computer Programming	3	2	-	3	100	---
MDP103	Production Technology & Workshops	3	2	-	3	100	---
MDP102	Engineering Drawing (2)	3	2	-	3	100	MDP101
GEN102	Engineering & Society	2	2	-	-	100	---
		20	14	4	12	700	

السنة الثانية
(المستوى الاول لطالب ملتزم بالخطه)

الفصل الدراسي الاول:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
EMP201	Engineering Mathematics (3)	3	2	2	-	100	EMP102
CVE201	Engineering Geology	3	2	2	-	100	EMP105
ARC201	Graphics (1)	3	1	-	6	100	MDP102
CVE202	Structural Analysis (1)	3	2	2	-	100	EMP107
EMP203	Physics (3)	3	2	-	3	100	EMP104
GEN201	Technical Report Writing	2	2	-	-	100	GEN101
		17	11	6	9	600	

الفصل الدراسي الثاني:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
EMP202	Engineering Mathematics (4)	3	2	2	-	100	EMP201
SRE201	Surveying Engineering (1)	3	2	-	3	100	MDP102
CSM201	Civil and Architectural Drawing	3	1	-	6	100	MDP102
MDP201	Mechanical Engineering	3	2	2	-	100	---
CVE203	Construction Materials (1)	3	2	-	3	100	---
GEN202	Psychology & Organization Behavior	2	2	-	-	100	---
		17	11	4	12	600	

السنة الثالثة
(المستوى الثاني لطالب ملتزم بالخطه)

الفصل الدراسي الاول:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
ARC301	Architectural Design (1)	3	1	-	6	100	CSM201
CVE301	Structural Analysis (2)	3	2	2	-	100	EMP107
CVE302	Geotechnical Engineering (1)	3	2	-	3	100	CVE201
CVE303	Concrete Structures Design (1)	3	2	2	-	100	CVE202
CSM304	Quality in Construction	3	2	2	-	100	CVE203
GEN301	LeadershipTeam and communication skills	2	2	-	-	100	---
		17	11	6	9	600	

الفصل الدراسي الثاني:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
SRE301	Surveying Engineering (2)	3	2	2	-	100	SER201
CSM301	Construction Project Management (1)	3	2	2	-	100	-
CVE304	Steel Structures (1)	3	2	2	-	100	CVE301
CSM305	Sustainable Construction	3	2	2	-	100	CSM304
CVE305	Concrete Structures Design (2)	3	2	2	-	100	CVE303
CVE306	Construction Materials (2)	3	2	-	3	100	CVE203
GEN302	Professional Ethics	2	2	-	-	100	-
		20	14	10	3	700	

* يقوم الطالب بأداء تدريب في فترة الصيف لمدة 3 أسابيع في أحد المؤسسات أو الشركات في مجال التخصص.

السنة الرابعة
(المستوى الثالث لطالب ملتزم بالخطة)

الفصل الدراسي الاول:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
CSM401	Construction Project Management (2)	3	2	2	-	100	CSM301
ARC401	Architectural Construction (1)	3	2	-	3	100	CVE305
ARC403	Computer Applications In Architecture	3	2	-	3	100	ARC301
CSM403	Construction Productivity Improvement	3	2	2	-	100	CSM301
XXX4**	Elective (1)	3	2	2		100	---
GEN401	Legislations, contract and procurement management	2	2	-	-	100	---
		17	12	6	6	600	

الفصل الدراسي الثاني:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
CVE403	Concrete Structures Design (3)	3	2	2	-	100	CVE303
CSM402	Technical Installations	3	2	-	3	100	ARC401
ARC402	Working Design (1)	3	2	-	3	100	CVE303
SRE402	Geographical Information Systems(GIS)	3	2	-	3	100	SRE301
XXX4**	Elective (2)	3	2	2	-	100	---
GEN402	Human Resources Management	2	2	-	-	100	---
		17	12	4	9	600	

* يقوم الطالب بأداء تدريب في فترة الصيف لمدة 3 أسابيع في أحد المؤسسات أو الشركات في مجال التخصص.

السنة الخامسة
(المستوى الرابع لطالب ملتزم بالخطوة)

الفصل الدراسي الأول:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
CSM501	Specification and Execution Documents	3	2	2	-	100	CSM401
ARC501	Building Finishes & Construction Details	3	2	-	3	100	ARC301
CSM504	Project Cost Accounting & Control	3	2	2	-	100	CSM401
CSM505	Decision and Risk Management	3	2	2	-	100	CSM401
XXX5**	Elective (3)	3	2	2	-	100	---
CSM591	Project (1)	3	-	6	-	100	120 CR
		18	10	14	3	600	

الفصل الدراسي الثاني:

Code	Subject	Credit Hours	Contact Hours			Marks	Prerequisites
			Lec.	Tut	Lab		
CSM502	Construction Site Technology	3	2	2	-	100	CSM401
ARC502	Urban Design and Planning	3	2	-	3	100	ARC301
CSM503	Contracts and Claims	3	2	2	-	100	CSM301, GEN401
XXX5**	Elective (4)	3	2	2	-	100	---
CSM592	Project (2)	3	-	6	-	100	CSM591
		15	8	12	3	500	

المقررات تميز الكلية (مقررات اختيارية لبرنامج هندسة وإدارة التشييد):
 لكي يحصل الطالب على درجة البكالوريوس في هندسة وإدارة مواقع التشييد يجب أن يجتاز الطالب (12) ساعة
 معتمدة بواقع اربعة مقررات من المقررات الاختيارية التالية من مستوى (500). الجدول التالي يوضح المقررات
 الاختيارية:

No.	Code	Course	CR	Pre Req.
(G) Discretionary (institution character- identifying) subjects				
1	ARC404	Architectural Construction (2)	3	ARC401
2	ARC405	Graphics (2)	3	ARC201
3	ARC406	Architectural Design (2)	3	ARC301
4	ARC407	Working Design (2)	3	ARC402
5	ARC503	Interior Design	3	ARC301
6	ARC504	Site Planning & Engineering	3	SRE301
7	CVE404	Steel Structures (2)	3	CVE304
8	CVE405	Geotechnical Engineering (2)	3	CVE302
9	CVE406	Masonry, Timber and composite structures.	3	CVE301
10	CVE501	Geotechnical problems during construction	3	CVE405
11	CVE502	Structural Analysis of Existing Buildings	3	CVE202
12	CVE504	Inspection & Testing of Structures	3	CVE401
13	CSM506	Supervision of building operations	3	ARC407
14	CSM507	Site safety and precautions	3	CSM402
15	CSM508	Environmental impact of structures	3	CSM401
16	CSM509	Maintenance, Building Repair and Demolition	3	CVE305
17	CSM511	Construction Project Administration	3	CSM301
18	CSM512	Project and Company Organization in Construction	3	CSM301