

الخطة الدراسية لمواد فصل الخريف 2018-2019

أولاً: طلاب الفرقة الثانية: يتم طرح المقررات وفقاً للوائحتين (2011 و 2014)

يتم طرح المواد التالية وفقاً للائحة 2014 للكلية:

Semester 3:

Code	Course	Credits	L	T	P	Prerequisite
EE 291!!	Electric Circuits	4	3	2	1	EB102 & EB122
EE 271!!	Energy Systems	3	2	2	1	None
EB 103	Engineering Mathematics (3)	3	2	2	1	EB 102
EC 201	Computer Programming	3	2	1	2	UEC02
EB 123	Modern Physics	3	2	2	1	EB 122
EGE03	English Language (3)	2	1	0	2	UGE02
HU 113!!	Technical Report Writing	2	2	0	2	None
Total Credit hours		20				

كما يستمر طرح المقررات التالية وفقاً للائحة 2011 لطلاب التخلفات :

Code	Course	Credits	L	T	P	Prerequisite
CE 201	Computer Programming	4	3	1	2	UEC02
EE291	Electric Circuits	4	4	1	1	BE102 & BE122
EE 271	Energy Systems	3	3	1	1	None
BE 123	Modern Physics	3	3	1	1	BE 122
BE 103	Engineering Math (3)	3	3	1	1	BE 102

ثانيا: طلاب الفرقة الثالثة: و يتم طرح المقررات وفقا للائحتين (2011 و 2014)

Semester 5: Communications

يتم طرح المواد التالية وفقا للائحة 2014 للكلية:

Code	Course	Credits	L	T	P	Prerequisite
EB207	Numerical Analysis Using MATLAB	4	3	1	2	EB102
EE203!!	Introduction to Microprocessor	3	2	2	1	EE202!!
EE224!!	Microelectronics Devices	3	2	2	1	EE213!!
EE241!!	Signals and Systems	3	2	2	1	EB204
EE260!!	Electromagnetic Fields	3	2	2	1	EB204 & EB122
HU134!!	Engineering Economy	2	2	1	0	None
Total Credit hours		18				

Semester 5: Power & Automatic Control

يتم طرح المواد التالية وفقا للائحة 2014 للكلية:

Code	Course	Credits	L	T	P	Prerequisite
EB207	Numerical Analysis Using MATLAB	4	3	1	2	EB102
EE203!!	Introduction to Microprocessor	3	2	2	1	EE202!!
EE224!!	Microelectronics Devices	3	2	2	1	EE213!!
EE241!!	Signals and Systems	3	2	2	1	EB204
EE260!!	Electromagnetic Fields	3	2	2	1	EB204 & EB122
EE272!!	Electric Power Eng. (1)	3	2	2	1	EE271!!
Total Credit hours		19				

كما يستمر طرح المقررات التالية وفقا للائحة 2011 لطلاب التخلفات و حالات تخرج و المتعثرين:

Code	Course	Credits	L	T	P	Prerequisite
EE251	Analog Communications	3	3	1	1	EE241
EE251!!	Analog Communications	3	2	2	1	EE241!!
EE 260	Electromagnetic Fields	3	3	1	1	BE204 & BE122
EE 203	Introduction to Microprocessors	3	3	1	1	EE 202
EE 224	Micro-Electronic Devices and Circuits	3	3	1	1	EE 213
EE 241	Signals and Systems	3	3	1	1	BE204
BE207	Numerical Analysis MATLAB	3	2	2	1	BE204
EE272	Electrical Power Engineering (1)	3	3	1	1	EE271
حالات تخرج						
EE304	Microprocessor Based Systems	3	3	1	1	EE202

ثالثا: طلاب الفرقة الرابعة: و يتم طرح المقررات وفقا للائحتي 2011 و 2014

Semester 7: Communications

يتم طرح المواد التالية وفقا للائحة 2014 للكلية:

Code	Course	Credits	L	T	P	Prerequisite
EB206	Special Functions	3	3	2	0	BE 204
EE252!!	Communications Laboratory	1	0	0	4	EE 251!!
EE255!!	Digital Communications (1)	3	2	2	1	EE251!!
EE262!!	Microwave Engineering	3	2	2	1	EE 261!!
EE342!!	Digital Signal Processing	3	2	2	1	EE 241!!& BE 205
EM237	Thermofluid for Elec Eng.	4	3	2	1	EB112 & EB122
EE290!!	Control Systems (1)	3	2	2	1	EB204 & EE291!!
Total Credit hours		20				

Semester 7: Power & Automatic Control

يتم طرح المواد التالية وفقا للائحة 2014 للكلية:

Code	Course	Credits	L	T	P	Prerequisite
EE282!!	Electrical machines (1)	3	2	2	1	EE260!! & EE291!!
EE275!!	Power System Protection (1)	3	2	2	1	EE273!!
EE274!!	Electrical Safety Engineering	3	2	2	1	EE273!!
EE382!!	<i>Elective(1):</i> Power Electronics (2)	3	2	2	1	EE286!!
EE290!!	Control Systems (1)	3	2	2	1	EB204 & EE291!!
EM237	Thermofluid for Elec Eng.	4	3	2	1	EB112 & EB122
Total Credit hours		19				

كما يستمر طرح المقررات التالية وفقا للائحة 2011 لطلاب التخلفات أو حالات التخرج:

Code	Course	Credits	L	T	P	Prerequisite
ME237	Thermofluid for Communication Eng.	4	3	2	1	BE112 & BE122
BE 206	Special Functions	3	3	2	0	BE 204
EE 252	Communications Laboratory	1	0	0	4	EE 251
EE255	Digital Communications (1)	3	3	1	1	EE251
EE 262	Microwave Engineering	3	3	1	1	EE 261
EE 342	Digital Signal Processing	3	3	1	1	EE 241& BE 205
EE290	Control Systems (1)	3	2	2	1	BE204 & EE291
EE282	Electrical machines (1)	3	3	1	1	EE260 & EE291
EE275	Power System Protection (1)	3	3	1	1	EE273
EE274	Electrical Safety Engineering	3	3	1	1	EE273
EE 382	<i>Elective(1):</i> Power Electronics (2)	3	3	1	1	EE286
ME259	Fluid Eng. for Electrical Students	4	3	2	1	BE112 & BE122
حالات تخرج						
EE371	Power System Analysis	3	3	1	1	EE273

EE276	High Voltage Engineering	3	3	1	1	EE260
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رابعاً: طلاب الفرقة الخامسة: و يتم طرح المقررات وفقاً للائحة 2011

Semester 9: Communications

Code	Course	Credits	L	T	P	Prerequisite
EE 350	Communication Systems	4	4	1	1	EE 256
EE 344	Elective: Digital Filters	3	3	1	1	EE 241
EE 353	Elective : Data Communication Networks	3	3	2	0	EE255
EE329	Elective: Biomedical Engineering	3	3	1	1	EE228
EE 400-1	Graduation Project (1)	3	3	0	1	Dept. Approval
Total Credit hours		16				

Semester 9: Power & Automatic Control

Code	Course	Credits	L	T	P	Prerequisite
BE206	Elective: Special Functions	3	3	2	0	BE204
EE 390	Elective: Control Systems (2)	3	3	1	1	EE290
EE 400-1	Graduation Project (1)	3	3	0	1	None
EE 380	Elective: Electrical Machines (3)	3	3	1	1	EE282
HU 151	Industrial Safety	2				--
CV251	Civil Engineering for Elec. Eng.	3	3	2	0	--
Total Credit Hours		17				