

Degree Plan

Degree : Bachelor	Faculty : College of Computer and Inf	Plan hrs : 167
Semester : 461	Dept : Computer and Network Engi	Plan Type : Main
Edition : 4	Major : COME1: Computer and Network Engineering	Gender : All

Group : إجبارية (159)

First					
code	Course Name	Hr.	requisite	Year	Activities Desc
CUR 1201	Academic Skills	2	-	-	lecture (2)
CIT 1301	Computer Skills	3	-	-	lecture (2), practical (2)
MATH 1304	Introduction to Probability & Statistic	3	-	-	lecture (2), exercise (1)
MATH 1307	Calculus 1	3	-	-	lecture (2), exercise (1)
ENGL 1601	English Language Skills 1	6	-	-	lecture (4), practical (4)
Total					17

Second					
CSC 1201	English for Computing Purposes	2	-	-	lecture (1), practical (2)
CSC 1301	Principles of Programming and Algorithms	3	CIT 1301 - S	-	lecture (2), practical (2)
CIS 1302	Introduction to Database	3	CIT 1301 - S	-	lecture (2), practical (2)
PHYS 1401	Physics 1	4	-	-	lecture (3), practical (2)
ENGL 1602	English Language Skills 2	6	ENGL 1601 - S	-	lecture (4), practical (4)
Total					18

Third					
SLM 1201	Principles of Islam	2	-	-	lecture (2)
GE 1201	Introduction to Engineering	2	-	-	lecture (2)
MATH 1302	Linear Algebra	3	-	-	lecture (2), exercise (1)
MATH 1308	Calculus 2	3	MATH 1307 - S	-	exercise (1), lecture (2)
PHYS 1402	Physics 2	4	PHYS 1401 - S	-	lecture (3), practical (2)
CSC 2302	Computer Programming 1	3	CSC 1301 - S	-	lecture (2), practical (2)
Total					17



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Forth

code	Course Name	Hr.	requisite	Year	Activities Desc
CHEM 1301	Chemistry 1	3	-	-	lecture (2), practical (2)
MATH 1301	Differential Equations	3	MATH 1308 - S	-	lecture (2), exercise (1)
CNE 2101	Electric Circuits Lab	1	CNE 2301 - M	-	practical (2)
CNE 2102	Digital Logic Lab	1	CNE 2302 - M CNE 2101 - M	-	practical (2)
CNE 2301	Electric Circuits	3	MATH 1308 - S PHYS 1402 - S	-	lecture (2), exercise (1)
CNE 2302	Digital Logic Design 1	3	PHYS 1401 - S	-	lecture (2), exercise (1)
CNE 2303	Computer Aided Engineering Drawing	3	GE 1201 - S	-	lecture (2), practical (2)
Total					17

Fifth

ARB 1201	Language Skills	2	-	-	lecture (2)
MATH 1303	Discrete Mathematics	3	-	-	lecture (2), exercise (1)
CIS 2304	System Analysis and Design 1	3	CIS 1302 - S	-	lecture (2), practical (2)
CNE 3101	Electronics Lab	1	CNE 3301 - M CNE 2101 - S	-	practical (2)
CNE 3301	Electronics	3	CNE 2301 - S	-	lecture (2), exercise (1)
CNE 3303	Computer Organization and Architecture 1	3	CNE 2302 - S	-	lecture (2), practical (2)
CNE 3304	Computer Networks 1	3	CNE 2302 - S	-	lecture (2), practical (2)
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Sixth

code	Course Name	Hr.	requisite	Year	Activities Desc
SLM 1202	Social Values in Islam	2	-	-	lecture (2)
CSC 2303	Computer Programming 2	3	CSC 2302 - S	-	lecture (2), practical (2)
CSC 2305	Software Engineering	3	CIS 2304 - S	-	lecture (2), practical (2)
CIS 3302	Data Structures	3	CSC 2302 - S	-	lecture (2), practical (2)
CNE 3302	Digital Logic Design 2	3	CNE 2302 - S	-	lecture (2), practical (2)
CNE 3305	Computer Networks 2	3	CNE 3304 - S	-	lecture (2), practical (2)
Total					17

Seventh

CSC 3301	Analysis and Design of Algorithms	3	CIS 3302 - S	-	lecture (2), practical (2)
CIT 3306	Operating Systems	3	CIS 3302 - S	-	practical (2), lecture (2)
CNE 4102	Embedded Systems Lab	1	CNE 4302 - M	-	practical (2)
CNE 4301	Signals and Systems	3	MATH 1306 - S	-	lecture (2), practical (2)
CNE 4302	Embedded Systems	3	CNE 3303 - S	-	lecture (2), exercise (1)
CNE 4303	Computer Organization and Architecture 2	3	CNE 3303 - S	-	lecture (2), practical (2)
Total					16

Eighth

GE 1305	Professional Practice and Ethics	3	-	-	lecture (3)
CIS 3307	Information Security	3	CNE 3304 - S	-	lecture (2), practical (2)
CNE 4304	Digital Systems and Projects Engineering	3	CNE 3302 - S CNE 4302 - S	-	lecture (2), practical (2)
CNE 4305	Internet of Things	3	CNE 3304 - S	-	lecture (2), practical (2)
CNE 4306	Digital Signal Processing	3	CNE 4301 - S	-	lecture (2), practical (2)
CNE 4307	Introduction to Robotics	3	MATH 1302 - S	-	lecture (2), practical (2)
Total					18



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Ninth

code	Course Name	Hr.	requisite	Year	Activities Desc
CNE 5391	Graduation Project 1	3	-	-	project (6)
CNE 5699	Cooperative Training	6	-	-	training (12)
Total					9

Tenth

GE 1303	Engineering Economy	3	-	-	lecture (2), exercise (1)
CSC 2304	Artificial Intelligence	3	CSC 2302 - S	-	lecture (2), practical (2)
CNE 5301	Digital Control Systems	3	CNE 4306 - S	-	lecture (2), practical (2)
CNE 5392	Graduation Project 2	3	CNE 5391 - S	-	project (6)
Total					12

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Group : إختيارية (2)

HIS 2201	National History	2	-	-	lecture (2)
code	Course Name	Hr.	requisite	Year	lecture (2)
SLM 2201	jurisprudence of worship	2	-	-	lecture (2)
ARB 2201	Arabic Writing	2	-	-	lecture (2)
CIS 2201	Digital Transformation	2	-	-	lecture (2)
SLM 2202	Contemporary Issues	2	-	-	lecture (2)
Total					12
CNE 5321	Mobile Computing	3	CNE 3305 - S	-	lecture (2), practical (2)
CNE 5322	Analytical Methods for Networks	3	CNE 5321 - M	-	lecture (2), practical (2)
CNE 5323	Network Protocols and Algorithms	3	CNE 5321 - M	-	lecture (2), practical (2)
Total					9
CNE 5331	Network Security	3	CNE 3305 - S	-	lecture (2), practical (2)
CNE 5332	Web and eCommerce Security	3	CNE 5331 - M	-	lecture (2), practical (2)
CNE 5333	Blockchain and Public Key Infrastructure	3	CNE 5331 - M	-	lecture (2), practical (2)
Total					9