Cybersecurity

الخطة الدراسية لبرنامج الأمن السيبراني

الاسم .... الرقم الجامعى...

حقوق انسان .... عسكرية ....

Course Code	Course Name	Cr	L	P	
02-24-00101	Linear Algebra	3	2	1	
02-24-00102	Calculus	3	2	1	
02-24-00103	Introduction to Computer Systems	3	2	1	
02-24-00104	Introduction to Data Sciences	3	2	1	
02-24-00105	Programming I	3	2	1	
02-00-000XX	Critical Thinking	2	2	0	

Course Code	Course Name	Cr	L	P	
02-24-00106	Probability and Statistics I	3	2	1	
02-24-00107	Discrete Structures	3	2	1	
02-24-06202	Number Theory	3	2	1	
02-24-06201	Introduction to Cybersecurity	3	2	1	
02-24-00110	Programming II	3	2	1	
02-00-000XX	Innovation & Entrepreneurship	2	2	0	

Course Code	Course Name	Cr	L	P	
02-24-00201	Probability and Statistics II	3	2	1	
02-24-00202	Introduction to Databases	3	2	1	
02-24-00203	Numerical Computations	3	2	1	
02-24-00108	Data Structures and Algorithms	3	2	1	

Course Code	Course Name	Cr	L	P	
02-24-00109	Introduction to Artificial Intelligence	3	2	1	
02-0X-000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	
02-24-06303	Secure Software Development	3	2	1	
02-24-00205	Machine Learning	3	2	1	
02-24-00206	Data Mining and Analytics	3	2	1	
02-24-06203	Cryptography	3	2	1	
02-24-00307	Operating Systems	3	2	1	
02-0X-000XX	University Elective	2	2	0	

Second Level   – Summer Semester (2 Credits)

Course Code	Course Name	Cr
02-24-06205	Field Training I	2

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Course Code	Course Name	Cr	L	P	
02-24-00308	Computer Networks	3	2	1	
02-24-06302	Operating Systems Security	3	2	1	
02-24-06305	Data Integrity and Authentication	3	2	1	
02-24-0X0XX	Faculty Elective	3	2	1	
02-24-0X0XX	Faculty Elective	3	2	1	
02-0X-000XX	University Elective	2	2	0	

Course Code	Course Name	Cr	L	P	
02-24-06304	Computer and Network Security	3	2	1	
02-24-06306	Information Security Management	3	2	1	
02-24-0X0XX	Faculty Elective	3	2	1	

Course Code	Course Name			
02-24-0X0XX	Faculty Elective	3	2	1
02-24-00204	Cloud Computing	3	2	1

Course Code	Course Name	Cr
02-24-06307	Field Training II	2

Course Code	Course Name	Cr	L	P	
02-24-06401	Social Network Computing	3	2	1	
02-24-06402	Security of Distributed Systems	3	2	1	
02-24-06403	Human Security	3	2	1	
02-24-06404	Project I	3	2	1	
02-24-064XX	Program Elective	3	2	1	
02-24-064XX	Program Elective	3	2	1	

Course Code	Course Name	Cr	L	P	
02-24-06405	Cybersecurity Risk Management	3	2	1	
02-24-06406	Digital Forensics	3	2	1	
02-24-06407	Law and Cybersecurity	3	2	1	
02-24-06408	Project II	3	2	1	
02-24-064XX	Program Elective	3	2	1	
02-24-064XX	Program Elective	3	2	1	

المقررات الاختيارية لبرنامج الأمن السيبراني:

Course Code	Course Name	Cr	L	P	
02-24-06409	AI Security Issues	3	2	1	
02-24-06410	Proactive Computer Security	3	2	1	
02-24-06411	Software Security Engineering	3	2	1	

02-24-06412	Blockchain and Security of Blockchain	3	2	1	
02-24-06413	Cloud Computing Security	3	2	1	
02-24-06414	Social Networks Analytics	3	2	1	
02-24-06415	Internet of Things	3	2	1	
02-24-06416	Mobile Computing	3	2	1	