



**CIS Study Plan**  
Batch of 2018- 2019

Year	First Semester				Second Semester			
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr
1	820551	General English Language		IP	820551	General English Language		7
	667593	Math I		3	926172	English for Academic and Specific Purpose		3
	667638	Computer Skills		2	668130	Math II	667593	3
	820553	Learning and Searching Skills		2	926186	Introduction to Programming		3
	669035	Physical Education		1	820556	Statistics		3
	928640	Arabic Language Skills		2	820555	Communication Skills		2
					928639	Creed and Family in Islam		2
		Total			10	Total		
2	First Semester				Second Semester			
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr
	670238	Fundamentals of Information Systems		3	670241	Fundamentals of Programming	670237	3
	670237	Introduction to Computing		3	670242	Electronics	667501	4
	667459	Calculus		3	670244	Introduction to Statistics and Probability Theory	667459	3
	667501	Physics		4	667409	Biology		4
	928641	History and Civilization of KSA		2	928642	Islamic Ethics and Values		2
		Total			15	Total		
3	First Semester				Second Semester			
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr
	670247	Technical Reports		2	670246	Data Structure	670241	2
	670250	Discrete Mathematics	670244	3	670253	Database Concepts and Design	670238	3
	670245	Object Oriented Programming 1	670241	3	670251	Object Oriented Programming 2	670245	3
	670249	Digital Hardware	670242	3	928097	IT Infrastructure Management	670278	3
	670278	Communication and Network Fundamentals	670238	3	928098	Principles of Management		3
	670258	Professional Responsibility		2	929173	Entrepreneurship		2
	Total			16	Total			16



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	First Semester				Second Semester				
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr	
4	670252	Operating Systems	670249	3	928102	Enterprise Architecture	928097	3	
	928099	Data and Information Management	670253	3	670263	Human Computer Interaction	670238	3	
	928100	System Analysis and Design	670238	3	670264	Web Based Systems	670238	3	
	928101	Fundamentals of Business	928098	3	928103	Organizational Behavior	928098	3	
	670259	IT Project Management	928098	3	670261	Computer Data Security and Privacy	928097	3	
	Total				15	Total			
Summer	Cooperative Field Training (COOP)							3	
5	First Semester				Second Semester				
	Course #	Course Title	Prerequisite	Cr	Course #	Course Title	Prerequisite	Cr	
	670266	Project Proposal	928100, 670259	2	670269	Project Implementation	670266	3	
	670267	Software Quality Assurance	670241	3	928107	Organizational Performance Management	928098	3	
	928105	Business Strategy	928098	3		Elective Course		3	
	670265	Information Systems Management	670238	3					
	Elective Course		3						
Total				14	Total				9
TOTAL CREDITS 152									



وزارة التعليم  
Ministry of Education  
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جامعة الإمام عبد الرحمن بن فيصل  
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المملكة العربية السعودية  
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Electives							
First Semester				Second Semester			
670271	Object Oriented Analysis and Design		3	670276	Distributed and Mobile Database		3
670273	Decision Support and Expert Sys		3	670277	Knowledge Management and Information Retrieval		3
670287	Data Mining and Warehousing		3	670291	Mobile Application Programming	670251	3
670275	Object Oriented Database		3	928194	Business Process Management		3
670285	Modeling and Simulation	670250	3	928195	IS Innovation and Modern Technologies		3
926798	Information System Audit		3				