

Study Plan For Internet Technology

Semester 1, Year 1					Semester 2, Year 1			
first year	Course#	Course Title	Pre-Req.	Cr.	Course #	Course Title	Pre-Req.	Cr.
	GI111	Programming I	----	3	GI121	Programming II	GI111	3
	GI112	IT Foundations	----	3	GI122	Digital and Logic Design	GI112	3
	GS111	Math I	----	3	GS121	Math II	GS111	3
	GS112	Intro to Statistics & Probability	----	3	GI123	Discrete Mathematics	GS111	3
	GS113	General Physics	----	3	GH121	English Language II	GH111	2
	GH111	English Language I	----	2	SE121	Software Engineering	GI112	3
	GH112	Arabic Language	----	2				
Total =	19			Total =	17			
Semester 1, Year 2					Semester 2, Year 2			
second year	Course#	Course Title	Pre-Req.	Cr.	Course #	Course Title	Pre-Req.	Cr.
	GI211	Data Structures and Algorithms	GI121	3	GI221	Object Oriented Programming	GI121	3
	GI212	Database Systems	GI123	3	GI222	Security principles and practices	IN211	3
	GS211	Linear Algebra	GS121	3	GI223	Operating Systems	GI213	3
	GI213	Computer Organization	GI122	3	GS221	Numerical Analyses	GS121	3
	IN211	Internet Technologies	GI112	3	IN221	Web Design and Analysis	IN211	3
	CN211	Computer Networks	GI112	3	IN222	Internet Programming I	IN211	3
Total =	18			Total =	18			
Semester 1, Year 3					Semester 2, Year 3			
third year	Course #	Course Title	Pre-Req.	Cr.	Course #	Course Title	Pre-Req.	Cr.
	GI311	Information Systems	SE211	3	GH321	Research Methodology	.....	3
	GI312	Artificial Intelligence	GI211	3	IN321	Web Applications Development	IN311	3
	IN311	Web Engineering	IN221	3	IN322	Client and Server Programming	IN314	3
	IN312	Search Engines	IN222	3	IN323	E-Commerce	IN314	3
	IN313	Hacking & Network Protection	GI222	3	GI321	Project Management	.....	2
	IN314	Internet Programming II	IN222	3	CS321	Distributed Systems	GI212	3
Total =	18			Total =	17			
Semester 1, Year 4					Semester 2, Year 4			
fourth year	Course #	Course Title	Pre-Req.	Cr.	Course #	Course Title	Pre-Req.	Cr.
	IN411	Web Graphic Design	IN321	3	IN421	Manage Web Pages.	IN321	3
	IN412	Multimedia & Advanced Web Pages.	IN314	3	IN422	Dept. Elective Course II	.....	3
	IN413	Dept. Elective Course I	.....	3	IN423	Data mining	GI211, GI212	3
	IN414	Cloud Computing	CS321	3	IN429	Graduation Project	105 Credits	4
GI411	Group Project	.....	2					
Total =	14			Total =	13			
Total Number of Credits Achieved =				130	Credits			
Total dept. credits =				45	Credits			
Total external credits =				85	Credits			