



COMSATS Institute of Information Technology

30, Sector H-8/1, Islamabad. Tel: (92-51) 9258481-3, 4448371-72, Fax : (92-51) 4442805

E-mail : info@ciit.edu.pk, URL : //www.ciit.edu.pk

(Directorate of Academics)

No. CIIT/DoA/OOI/20/2010/317

OFFICE ORDER

Friday, March 12, 2010

(No. 20 of 2010)

The students of COMSATS Institute of Information Technology Lahore Campus admitted in Fall 2006 are allowed to follow the following Scheme of Studies of BS (CS):

Scheme of Studies of BS (CS) Fall-2006 Batch				
Semester	Course Code	Course Title	Cr. Hrs.	Pre-Requisite(s)
1st Semester	HUM110	Islamic Studies	3(3, 0)	
	HUM100	English Comprehension and Composition	3(3, 0)	
	EEE121	Electric Circuit Analysis I	4(3, 1)	
	MTH104	Calculus and Analytical Geometry	3(3, 0)	
	CSC103	Introduction to Computers and Programming	4(3, 1)	
			17(15, 2)	
2nd Semester	HUM111	Pakistan Studies	3(3, 0)	
	EEE231	Electronics I	4(3, 1)	EEE121
	MTH105	Multivariable Calculus	3(3, 0)	MTH104
	CSC102	Discrete Structures	3(3, 0)	
	HUM102	Report Writing Skills	3(3, 0)	HUM100
	CSC112	Algorithms and Data Structures	4(3, 1)	CSC103
			20(18, 2)	
3rd Semester	HUM103	Communication Skills	3(3, 0)	HUM100
	CSC271	Database Systems	4(3, 1)	CSC112
	EEE241	Digital Logic Design	4(3, 1)	CSC102
	MTH242	Differential Equations	3(3, 0)	MTH105
	CSC241	Object Oriented Programming	4(3, 1)	CSC103
			18(15, 3)	
4th Semester	CSC291	Software Engineering-I	3(3, 0)	
	CSC221	Computer Organization and Assembly Language	4(3, 1)	CSC103
	MGT101	Introduction to Management	3(3, 0)	
	MTH262	Statistics and Probability Theory	3(3, 0)	MTH105
	MTH231	Linear Algebra	3(3, 0)	MTH105
	CSC253	Computer Graphics	3(2, 1)	CSC103
			19(17, 2)	
5th Semester	CSC336	Web Engineering	4(3, 1)	CSC103
	CSC322	Operating Systems Concepts	3(3, 0)	CSC112
	GSC392	Software Engineering-II	3(3, 0)	CSC291
	MTH375	Numerical Computations	3(3, 0)	MTH231
	EEE440	Computer Architecture	3(3, 0)	CSC221
			16(15, 1)	
6th Semester	CSC339	Computer Communication and Networks	4(4, 0)	
	CSC312	Automata Theory	3(3, 0)	CSC102
	MGT131	Financial Accounting	3(3, 0)	
		Elective-I	3(3, 0)	
		Elective-II	3(3, 0)	
			16(16, 0)	
7th Semester	CSC462	Artificial Intelligence	3(3, 0)	CSC103
	CSC441	Compiler Construction	4(3, 1)	CSC312
	HUM220	Introduction to Psychology	3(3, 0)	
	CSC499	Project-I	2(0, 2)	
		Elective-III	3(3, 0)	
		Elective Institutional-I	3(3, 0)	
			18(15, 3)	



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Semester	Course Code	Course Title	Cr. Hrs.	Pre-Requisite(s)
		Elective-IV	3(3, 0)	
		Elective Institutional-II	3(3, 0)	
	CSC499	Project-II	6(0, 6)	
			12(6, 6)	
Total Credit Hours for the Degree			134-136	
Elective Courses				
Course Code	Course Title	Credit Hours	Prerequisite(s)	
CSC412	Cryptography	3(3, 0)	CSC339	
CSC421	Systems Programming	3(3, 0)	CSC103	
CSC442	Principles of Programming Languages	3(3, 0)	CSC241	
CSC443	Scripting Languages	3(3, 0)	CSC336	
CSC444	Visual Programming	3(3, 0)	CSC103	
CSC445	Modern Programming Languages	3(3, 0)	CSC241	
CSC446	Advanced Object Oriented Programming	3(3, 0)	CSC241	
CSC451	Multimedia & Hypermedia System	3(3, 0)	CSC339	
CSC452	Virtual Reality	3(3, 0)	CSC253	
CSC454	Computer Animations	3(3, 0)	CSC253	
CSC455	Computer Vision	3(3, 0)	CSC253	
CSC456	Human Computer Interaction	3(3, 0)		
CSC461	Neural Networks	3(3, 0)	CSC462	
CSC471	Distributed Database System	3(3, 0)	CSC271	
CSC482	Computer Law	3(3, 0)		
CSC494	Software Project Management	3(3, 0)	CSC392	
Elective: Institutional Courses				
Course Code	Course Title	Credit Hours	Prerequisite(s)	
MGT350	Human Resource Management	3(3, 0)	MGT101	
MGT403	Entrepreneurship	3(3, 0)	MGT101	
MGT463	Productivity and Quality Management	3(3, 0)	MGT101	
MGT513	New Product Development	3(3, 0)		
Foreign Languages				
HUM430	French	3(3, 0)		
HUM431	German	3(3, 0)		
HUM432	Arabic	3(3, 0)		
HUM433	Persian	3(3, 0)		

(Dr Muhammad Azim)
Director Academics

Distribution:

1. Director CIIT Lahore Campus
2. Dean Faculty of Information Sciences and Technology, CIIT
3. Chairman, Department of Computer Science, CIIT
4. Controller of Examinations, CIIT
5. Additional Registrar (Academics), CIIT Islamabad

CC:

1. Registrar CIIT
2. PS to Rector

