COMSATS Institute of Information Technology (CIIT)

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No. CIIT- Reg/Notif/ 01 /2011/ 01

.January 27, 2011

Notification

The Board of Faculty of Engineering in its 9th meeting held on August 02, 2010 approved the SoS of Fall 2006, Spring 2007 and Fall 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009 and Spring 2010 of EE Department for all CIIT Campuses (Annexure-IX) on Page No. 196 of minutes circulated vide letter No. CIIT/AR/DoA/-10/496 dated 17/9/2010.

This supersedes Notification No. CIIT/Reg/AR/2011/586 dated November 26, 2010.

(Niaz Ahmed Khaskheli)
Additional Registrar

Distribution:

1. All Campus Directors, CIIT.
2. Dean, Faculty of Engineering, CIIT.
3. Chairman, Department of Electrical Engineering, CIIT.
4. Controller of Examinations, CIIT.
5. Additional Registrar (Academics), CIIT Islamabad Campus.
6. All Incharges, Examination Departments, CIIT Campuses.
7. All Incharges, Academic Sections, CIIT Campuses.
8. All HoD's/Incharges, Department of Electrical Engineering, CIIT Campuses.

CC:

1. Registrar, CIIT
2. PS to Rector

1) Co(R)
2) ALE

Keepvid.

Bachelor of Science in Telecommunications Engineering: BS (TE)

Scheme of Studies (Spring 2008)
Credit Hours   139

Islamabad Campus

1st Semester

S #	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	HUM100	English Comprehension and Composition	3(3,0)	
2	HUM110	Islamic Studies	3(3,0)	
3	HUM111	Pakistan Studies	3(3,0)	
4	PHY121	Applied Physics for Engineers	4(3,1)	
5	MTH101	Calculus - I	3(3,0)	
6	EEE111	Introduction to Computers and Computing	1(0,1)	
			17(15,2)	

2nd Semester

S #	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	EEE112	Engineering Mechanics and Thermodynamics / Engineering Mechanics & Thermodynamics	3(3,0)	
2	MTH102	Calculus - II / Calculus -II	3(3,0)	MTH101
3	MTH241	Ordinary Differential Equations	3(3,0)	MTH101
4	CSC141	Introduction to Computer Programming	4(3,1)	EEE111
5	EEE113	Engineering Drawing	1(0,1)	
6	EEE121	Electric Circuit Analysis - I / Electric Circuit Analysis-I	4(3,1)	MTH101, PHY121
			18(15,3)	

3rd Semester

S #	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	MTH203	Calculus - III / Calculus III	3(3,0)	MTH102
2	MTH231	Linear Algebra	3(3,0)	MTH101
3	EEE231	Electronics I / Electronics-I	4(3,1)	EEE121
4	EEE222	Electric Circuits Anaylsis - II / Electric Circuits Anaylsis-II	3(3,0)	EEE121, MTH241
5	EEE241	Digital Logic Design	4(3,1)	
			17(15,2)	

4th Semester

S #	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	MTH263	Probability Theory and Random Variables	3(3,0)	MTH231, MTH203
2	CSC112	Algorithms and Data Structures	4(3,1)	CSC141
3	EEE261	Electromagnetic Theory	3(3,0)	MTH203
4	EEE223	Signals and Systems	3(3,1)	MTH241
5	EEE232	Electronics - II / Electronics-II	4(3,1)	EEE231, EEE222
6	HUM102	Report Writing Skills	3(3,0)	HUM100
			20(18,3)	

5th Semester

	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	MTH375	Numerical Computations / Numerical Computing	3(2,1)	MTH102, MTH231, CSC141
2	EEE342	Microprocessor Systems and Interfacing	4(3,1)	EEE241
3	EEE371	Electric Machines	4(3,1)	EEE222
4	EEE324	Digital Signal Processing	4(3,1)	EEE223
5	EEE352	Analog Communication Systems / Analog Communication System	4(3,1)	EEE223, MTH263
			19(14,5)	

6th Semester

	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	EEE325	Control Systems	4(3,1)	EEE223
2	EEE353	Digital Communication Systems	4(3,1)	EEE352
3	EEE314	Data Communication and Computer Networks	4(3,1)	EEE353
4	EEE362	Microwave Engineering	4(3,1)	EEE 232, EEE261
5	EEE354	Telecommunication Systems Engineering	3(3,0)	EEE352
			19(15,4)	

7th Semester

	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	ECO300	Engineering Economics	3(3,0)	
2	EEE463	Antenna and Radio Wave Propogation	4(3,1)	EEE261
3	CSC341	Network Programming	4(3,1)	EEE314, CSC141
4		Area Elective*	3(3,0)	
5	EEE490	Final Year Project (Part-I)**	1(0,1)	
			15(12,3)	

8th Semester

	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	LAW300	Corporate Law	3(3,0)	
2	MGT403	Entrepreneurship	3(3,0)	
3		EE Elective***	3(3,0)	
4	EEE490	Final Year Project (Part-II)	5(0,5)	
			14(9,5)	

Elective List

	Course Codes	Course Titles (offered)	Credit Hrs	Prerequisite
1	EEE455	Optical Fiber Communications	3(3,0)	EEE232, EEE362
2	EEE456	Broadband Technologies	3(3,0)	EEE314, EEE354
3	EEE464	Wireless Communication Systems	3(3,0)	EEE314, EEE463
4	EEE465	Microwave & Satellite Communication Systems	3(3,0)	EEE353, EEE463
5	EEE466	Radars and Navigation Aids	3(3,0)	EEE353, EEE463
6		Telecommunication Policies Standards & Regulations		EEE463
7		Transmission and Switching System		