

Course Offering Spring 2010

BS Electronic Engineering

Semester-1

Course Code	Course Title	No. of Sections
MT 1013	Calculus-I	1
PH 1013	Applied Physics	1
HM 1013	Pakistan and Islamic Studies	2
HM 1113	English-1	1
CS 1114	Introduction to Computing	2
PH 1011	Applied Physics Lab	1

Semester-2

Course Code	Course Title	No. of Sections
MT 1023	Calculus-II	3
EE 1223	Basic Electronic Engineering	3
MT 1033	Linear Algebra	3
HM 1123	English-II	2
CS 1124	Computer Programming	3
EE 1221	Basic Electronic Engineering Lab	-
EE 1011	Computer-Aided Engineering Design (CAD)	-

Semester-3

Course Code	Course Title	No. of Sections
MT 2043	Applied Differential Equations	2
EE 2213	Circuit Analysis-I	Not Offered
EE 2313	Digital Logic Design	1
CS 2134	Object Oriented Programming	Not Offered
HM 2033	Technical Report Writing	2
EE 2211	Circuit Analysis-I Lab	Not Offered
EE 2311	Digital Logic Design Lab	-

Semester-4

Course Code	Course Title	No. of Sections
EE 2223	Electronics-I	2
EE 2323	Computer Architecture	2
EE 2413	Probability and Random Signals	2
EE 2513	Electromagnetic Fields & Waves	2
HM 2113	Humanities-I (Major World Religions)	3
EE 2321	Computer Architecture Lab	-
EE 2221	Electronics-I Lab	-

Semester-5

Course Code	Course Title	No. of Sections
EE 3233	Electronics-II	Not offered
EE 3333	Microprocessor Interfacing	Not offered
EE 3613	Signals & Systems	1 (Only for Failure 063 & 073)
EE 3263	Instrumentation and Measurements	Not offered
HM 3213	Humanities-II (Introduction to Logic)	1
EE 3231	Electronics-II Lab	Not offered
EE 3331	Microprocessor Interfacing Lab	Not offered
EE 3611	Signals & Systems Lab	-

Semester-6

Course Code	Course Title	No. of Sections
EE 3623	Digital Signal Processing	2
EE 3713	Digital Communication-I	2
EE 3733	Mobile Communication	2
EE 3813	Control Systems	2
CS 3xx3 EE 3253	Technical Elective-3 Circuit Analysis II , EE 3353 ASIC Design	1
EE 3621	Signal Processing Lab	-
EE 3711	Communication Lab-1	-

Semester-7

Course Code	Course Title	No. of Sections
EE 4523	Microwave Engineering	Not offered
EE 4723	Digital Communication-II	Not offered
EE 4913	Design Project (Part-I)	Only who have passed 6 th Semester
MGT 3123	Total Quality Management	1
CS 4xx3 EE4533	Technical Elective-4 Antenna Theory	Not offered
EE/CS 4xx3	Technical Elective-5 EE 4713 C.C.NET	Not offered

Semester-8

Course Code	Course Title	No. of Sections
EE 4743	Satellite Communication	2
EE 4923	Design Project (Part-II)	-
HM 4xx3	Management Elective-2	-
CS 4xx3 EE4553	Technical Elective-6 Optical Communication	1
EE/CS 4xx3	Technical Elective-7 EE4253 VLSI Design / EE 3333 Embedded System / EE 4283 Electric Machine	1