CS-1A

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Islamic Studies/Ethics 1 Rizwanullah	English Composition and Comprehension 1 Junaid Shahid	Programming Fundamentals 1 Rizwan ul Haq		Introduction to Information Technology - Lab Muiz Qadir	on and Communication
Tuesday	Programming Fundamentals 1 Rizwan ul Haq	Programming Fundamentals - Lab Mughees Ismail			English Composition and C Sadia Ashfaq	Comprehensi on - Lab
Wednesday	Digital Logic Design 1 Mirza Waqar Baig	English Composition and Comprehension 1 Muhammad Ammar		L U N C H	Digital Logic Design - Lab Muhammad Arslan	1
Thursday			Linear Algebra 1 Amjad Hussain		English Composition and Comprehension - Lab 1 Muhammad Iqbal English Composition and Comprehension 1 Junaid Shahid	English Composition and Comprehension - Lab 1 Muhammad Iqbal
Friday		Linear Algebra 1 Amjad Hussain	Digital Logic Design 1 Mirza Waqar Baig		Islamic Studies/Ethics 1 Rizwanullah	English Composition and Comprehension 1 Muhammad Ammar

CS-1B

Day/Period	ī	II	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension 1 Junaid Shahid	Digital Logic Design - Lab Mujahid Hussain	1		Digital Logic Design 1 Muhammad Sajid Iqbal	
Tuesday			Islamic Studies/Ethics 1 Rizwanullah		Introduction to Information Technology - Lab Umar Naseer	on and Communication
Wednesday	Islamic Studies/Ethics 1 Rizwanullah	Programming Fundamenta Pariwish Touseef	ıls - Lab 1	L U N C H	Digital Logic Design 1 Muhammad Sajid Iqbal	
Thursday	Linear Algebra 1 Amjad Hussain	English Composition and Comprehension - Lab 1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Muhammad Iqbal English Composition and Comprehension 1 Junaid Shahid		English Composition and Comprehension - Lab 1 Farah Iqbal	English Composition and Comprehension - Lab 1 Farah Iqbal English Composition and Comprehension 1 Muhammad Ammar
Friday	English Composition and Comprehension 1 Muhammad Ammar	Programming Fundamentals 1 Rizwan ul Haq			Programming Fundamentals 1 Rizwan ul Haq	Linear Algebra 1 Amjad Hussain

CS-1C

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension - Lab Junaid Shahid English Composition and Comprehension Muhammad Ammar	English Composition and Comprehension - Lab 1 Junaid Shahid	Islamic Studies/Ethics 1 Zia Ahmad		English Composition and Comprehension 1 Muhammad Ammar	
Tuesday	Digital Logic Design - Lab 1 Mujahid Hussain				English Composition and C	Comprehensi on - Lab
Wednesday	Programming Fundamentals - Lab 1 Ayesha Liaqat		Digital Logic Design 1 Dr. Adil Zulfiqar	L U N C H		English Composition and Comprehension 1 Junaid Shahid
Thursday	Linear Algebra Introduction to Informati Technology - Lab 1 Amjad Hussain Aqsa Younas		on and Communication			Linear Algebra 1 Amjad Hussain
Friday	Programming Fundamentals 1 Dr. Rabia Maqsood		Digital Logic Design 1 Dr. Adil Zulfiqar		Islamic Studies/Ethics 1 Zia Ahmad	English Composition and Comprehension 1 Junaid Shahid

CS-1D

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Introduction to Information Technology - Lab	on and Communication			Programming Fundamenta Dr. Rabia Maqsood	ıls 1
Tuesday	English Composition and Comprehension 1 Farah Iqbal	English Composition and Comprehension - Lab 1 Amna Farooq English Composition and Comprehension 1 Farah Iqbal	English Composition and Comprehension - Lab 1 Amna Farooq		Programming Fundamenta Muhammad Azeem Iftikha	1
Wednesday	English Composition and Comprehension 1 Sadia Ashfaq	Islamic Studies/Ethics 1 Zia Ahmad	Applied Physics 1 Waheed Ahmad	L U N C H	Calculus and Analytical G Dr.Mushtaq Ahmad	eometry 1
Thursday	English Composition and Comprehension - Lab Rida Akram		Applied Physics 1 Waheed Ahmad			Islamic Studies/Ethics 1 Zia Ahmad
Friday					English Composition and Comprehension 1 Sadia Ashfaq	

CS-1E

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Pakistan Studies 1 Asif Navced	Programming Fundamentals 1 Dr. Danish Shehzad			Programming Fundamenta Mughees Ismail	als - Lab
Tuesday	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad	Introduction to Information and Communication Technology - Lab 1 Muiz Qadir			English Composition and Comprehension - Lab Amna Farooq	
Wednesday		English Composition and Comprehension - Lab 1 Mah Rukh	English Composition and Comprehension - Lab 1 Mah Rukh English Composition and Comprehension 1 Farah Iqbal	L U N C H	Programming Fundamentals 1 Dr. Danish Shehzad	
Thursday	Applied Physics 1 Waheed Ahmad	Pakistan Studies 1 Asif Naveed			Applied Physics 1 Waheed Ahmad	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad
Friday		English Composition and Comprehension 1 Muhammad Iqbal			English Composition and Comprehension 1 Muhammad Iqbal	English Composition and Comprehension 1 Farah Iqbal

CS-1F

Day/Period	ı	п	ш	1:15-1:45	IV	v
Monday			English Composition and Comprehension 1 Sadia Ashfaq English Composition and Comprehension 1 Muhammad Iqbal		Programming Fundamentals 1 Saqib Hayat	Pakistan Studies 1 Asif Naveed
Tuesday	English Composition and Comprehension 1 Sadia Ashfaq	English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq			Programming Fundamenta Umar Naseer	ıls - Lab
Wednesday	Applied Physics 1 Waheed Ahmad	English Composition and C	Comprehension - Lab 1	L U N C H	Introduction to Information Technology - Lab Muhammad Haseeb Arshad	1
Thursday		Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad				Pakistan Studies 1 Asif Naveed
Friday	English Composition and Comprehension 1 Muhammad Iqbal				Programming Fundamentals 1 Saqib Hayat	Applied Physics 1 Waheed Ahmad

CS-3A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Calculus and Analytical Geometry 1 Bushra Niaz	Data Structures 1 Muhammad Husnain	Digital Logic Design 1 Muhammad Irfan Ishaq		Data Structures - Lab Saba Aslam	1
Tuesday	Differential Equations 1 Arfan Shahzad Object Oriented Programming 1 Shoaib Saleem	Object Oriented Programming 1 Shoaib Saleem	Digital Logic Design 1 Muhammad Irfan Ishaq Finance & Accounting 1 Agha Mureed Ahmad Khan			
Wednesday	Object Oriented Programming - Lab 1 Muhammad Hannan Farooq	Object Oriented Programming - Lab 1 Muhammad Hannan Farooq Computer Organization and Assembly Language 1 Abdul Qadeer Bilal		L U N C H	Data Structures 1 Muhammad Husnain	Applied Physics 1 Muhammad Mohsin Hameed Finance & Accounting 1 Agha Mureed Ahmad Khan
Thursday			Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari Calculus and Analytical Geometry 1 Bushra Niaz Computer Organization and Assembly Language 1 Abdul Qadeer Bilal		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari Discrete Structures 1 Dr. Muhammad Ahmad	Applied Physics 1 Muhammad Mohsin Hameed
Friday	Differential Equations 1 Arfan Shahzad Linear Algebra 1 Ghilmana Sarmad				Discrete Structures 1 Dr. Muhammad Ahmad	Linear Algebra 1 Ghilmana Sarmad

CS-3B

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Differential Equations 1 Arfan Shahzad	Computer Orgnaization an Ali Raza	d Assembly Language - Lab 1		Discrete Structures 1 Dr. Muhammad Ahmad	Computer Organization and Assembly Language 1 Abdul Qadeer Bilal
Tuesday					Object Oriented Programming - Lab 1 Muhammad Hannan Farooq Fundamentals of Management 1 Muhammad Tayyeb Riaz	Object Oriented Programming - Lab 1 Muhammad Hannan Farooq
Wednesday			Discrete Structures 1 Dr. Muhammad Ahmad	L U N C H	Data Structures - Lab 1 Muhammad Hannan Farooq	Data Structures - Lab 1 Muhammad Hannan Farooq Object Oriented Programming 1 Dr Usman Habib
Thursday	Computer Organization and Assembly Language 1 Abdul Qadeer Bilal	Object Oriented Programming 1 Dr Usman Habib	Differential Equations 1 Arfan Shahzad			
Friday						Fundamentals of Management 1 Muhammad Tayyeb Riaz

CS-3C

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday						
Tuesday		Computer Orgnaization an Ali Raza	d Assembly Language - Lab 1		Marketing Management 1 Syed Zeeshan Haider	
Wednesday	Data Structures - Lab Mughees Ismail	1	Data Structures 1 Dr. Hashim Yasin	L U N C H	Marketing Management 1 Syed Zeeshan Haider	Differential Equations 1 Arfan Shahzad
Thursday						Differential Equations 1 Arfan Shahzad
Friday	Data Structures 1 Dr. Hashim Yasin					

CS-3D

Day/Period	ī	П	ш	1:15-1:45	IV	v
Monday			Computer Orgnaization and Assembly Language - Lab 1 Ali Raza		Computer Orgnaization and Assembly Language - Lab 1 Ali Raza	Data Structures 1 Muhammad Usman Joyia
Tuesday	Differential Equations 1 Muhammad Waqas Javed	Data Structures 1 Muhammad Usman Joyia			Differential Equations 1 Muhammad Waqas Javed	
Wednesday			Discrete Structures 1 Usman Ghous	L U N C H		
Thursday		Discrete Structures 1 Usman Ghous			Data Structures - Lab Saba Aslam	1
Friday			Marketing Management 1 Syed Zeeshan Haider			Marketing Management 1 Syed Zeeshan Haider

CS-3E

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Computer Organization an Abuzar Ghafari	d Assembly Language - Lab 1				
Tuesday						
Wednesday				L U N C H		
Thursday		Finance & Accounting 1 Agha Mureed Ahmad Khan				Differential Equations 1 Hayat Ali
Friday		Differential Equations 1 Hayat Ali				Finance & Accounting 1 Agha Mureed Ahmad Khan

CS-5A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday			Computer Networks 1 Masood Habib			Software Design and Analysis 1 Dr. Muhammad Bilal
Tuesday	Computer Networks - Lab Ayesha Liaqat	1	Software Design and Analysis 1 Dr. Muhammad Bilal		Web Programming 1 Muhammad Shahrose Khan	Probability and Statistics 1 Haris Khurram
Wednesday	Probability and Statistics 1 Haris Khurram			L U N C H		
Thursday					Theory of Automata 1 Anmol Bilal	
Friday			Computer Networks 1 Masood Habib		Web Programming 1 Muhammad Shahrose Khan	Theory of Automata 1 Anmol Bilal

CS-5B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Computer Networks 1 Dr. Bilal Khan			
Tuesday		Web Programming 1 Muhammad Shahrose Khan	Software Design and Analysis 1 Dr. Muhammad Bilal			
Wednesday	Theory of Automata 1 Anmol Bilal	Computer Networks - Lab Ayesha Liaqat	1	L U N C H		
Thursday	Computer Networks 1 Dr. Bilal Khan	Marketing Management Hafiz M.Zeeshan Raza	1			
Friday		Theory of Automata 1 Anmol Bilal	Software Design and Analysis 1 Dr. Muhammad Bilal			Web Programming 1 Muhammad Shahrose Khan

CS-5C

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Theory of Automata 1 Numan Shafi					Advanced Programming 1 Awais Azam
Tuesday		Software Design and Analysis 1 Dr. Uzair Iqbal			Advanced Programming 1 Awais Azam	Software Design and Analysis 1 Dr. Uzair Iqbal
Wednesday			Computer Networks 1 Dr. Bilal Khan	L U N C H	Probability and Statistics 1 Haris Khurram	Theory of Automata 1 Numan Shafi
Thursday	Computer Networks - Lab Sumaira Mustafa	1	Probability and Statistics 1 Haris Khurram			
Friday	Computer Networks 1 Dr. Bilal Khan					

CS-5D

Day/Peri od	ī	п	ш	1:15-1:45	IV	v
Monday			Operating System 1 Usman Ghous			
Tuesday	Theory of Automata 1 Numan Shafi	Design and Analysis of Algorithms 1 Shoaib Saleem			Database Systems - Lab 1 Saqib Hayat Discrete Structures 1 Usman Ghous	Database Systems - Lab 1 Saqib Hayat
Wednesday	Operating System 1 Usman Ghous			L U N C H	Psychology 1 Aisha Bano	Database Systems 1 Saqib Hayat
Thursday	Operating Systems - Lab 1 Muhammad Haseeb Arshad	Operating Systems - Lab 1 Muhammad Haseeb Arshad Discrete Structures 1 Usman Ghous	Theory of Automata 1 Numan Shafi		Database Systems 1 Saqib Hayat	Design and Analysis of Algorithms 1 Shoaib Saleem
Friday					Psychology 1 Aisha Bano	

CS-5E

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Database Systems - Lab 1 Muhammad Shahrose Khan Psychology 1 Aisha Bano	Database Systems - Lab 1 Muhammad Shahrose Khan Theory of Automata 1 Numan Shafi				
Tuesday	Design and Analysis of Algorithms 1 Shoaib Saleem					Psychology 1 Aisha Bano
Wednesday		Database Systems 1 Aliza Saced		L U N C H		
Thursday	Database Systems 1 Aliza Saeed	Design and Analysis of Algorithms 1 Shoaib Saleem	Operating Systems - Lab 1 Muhammad Yousaf		Operating Systems - Lab 1 Muhammad Yousaf	Theory of Automata 1 Numan Shafi
Friday						

CS-7A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Software Engineering 1 Awais Azam	Data Mining Dr. Rabia Maqsood	1		Information Security 1 Dr. Danish Shehzad	
Tuesday	Artificial Intelligence - Lab Saba Aslam				Information Security 1 Dr. Danish Shehzad	Data Science 1 Adeel Ashraf Cheema
Wednesday				L U N C H	Professional Practices in IT 1 Rizwan ul Haq	
Thursday	Professional Practices in IT 1 Rizwan ul Haq		Software Engineering 1 Awais Azam		Artificial Intelligence Dr. Shahnawaz Qureshi	1
Friday					Data Science 1 Adeel Ashraf Cheema	

CS-7B

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday						
Tuesday					Data Science 1 Adeel Ashraf Cheema	Professional Practices in IT 1 Masood Habib
Wednesday	Information Security 1 Dr. Danish Shehzad	Professional Practices in IT 1 Masood Habib	Data Science 1 Adeel Ashraf Cheema	L U N C H	Software Engineering 1 Awais Azam	Data Mining 1 Nasreen Akhtar
Thursday			Information Security 1 Dr. Danish Shehzad			
Friday			Software Engineering 1 Awais Azam			Data Mining 1 Nasreen Akhtar

CS-7C

Day/Peri od	ī	п	ш	1:15-1:45	IV	v
Monday		Information Security 1 Dr. Irfan ul Haq				
Tuesday		Software for Mobile Devices - Lab Tahir Farooq				
Wednesday				L U N C H		
Thursday	Professional Practices in IT 1 Masood Habib		Professional Practices in IT 1 Masood Habib		Information Security 1 Dr. Irfan ul Haq	
Friday	Applied Machine Learning 1 Dr. Hashim Yasin		Applied Machine Learning 1 Dr. Hashim Yasin			

CS-7D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Information Security 1 Dr. Muhammad Umar Aftab		Software for Mobile Devices - Lab 1 Tahir Farooq		Software for Mobile Devices - Lab 1 Tahir Farooq	
Tuesday						
Wednesday	Information Security 1 Dr. Muhammad Umar Aftab		Professional Practices in IT 1 Tehreem Aslam	L U N C H		
Thursday		Professional Practices in IT 1 Tehreem Aslam	Applied Machine Learning 1 Dr. Hashim Yasin			
Friday		Applied Machine Learning 1 Dr. Hashim Yasin				

CS-7E

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Professional Practices in IT 1 Tehreem Aslam				Software Testing 1 Dr. Uzair Iqbal	
Tuesday		Software Testing 1 Dr. Uzair Iqbal				
Wednesday	Fundamentals of Software Project Management 1 Dr. Muhammad Bilal		Information Security 1 Dr. Muhammad Umar Aftab	L U N C H		
Thursday			Professional Practices in IT 1 Tehreem Aslam		Information Security 1 Dr. Muhammad Umar Aftab	
Friday						Fundamentals of Software Project Management 1 Dr. Muhammad Bilal

CS-7F

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Software Testing 1 Dr. Uzair Iqbal					
Tuesday			Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz			
Wednesday	Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz			L U N C H		
Thursday						
Friday		Software Testing 1 Dr. Uzair Iqbal				

CS-9A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Computer Architecture 1 Muhammad Usman Joyia	Software for Mobile Devices - Lab 1 No-Teacher		Software for Mobile Devices - Lab 1 No-Teacher	
Tuesday						Computer Architecture 1 Muhammad Usman Joyia
Wednesday				L U N C H		
Thursday						
Friday						

SE-1A

Day/Period	ı	п	ш	1:15-1:45	IV	v
Monday	English Composition and C	Comprehension - Lab 1	English Composition and Comprehension 1 Farah Iqbal			
Tuesday	Introduction to Information and Communication Technology - Lab 1 Umar Naseer		Applied Physics 1 Waheed Ahmad		English Composition and C	Comprehensi on - Lab
Wednesday	English Composition and Comprehension 1 Sadia Ashfaq	rrogramming rundamentars - Lab		L U N C H	Programming Fundamentals 1 Sumaira Mustafa	Calculus and Analytical Geometry 1 Bushra Niaz
Thursday	Pakistan Studies 1 Asma Yaqoob		Calculus and Analytical Geometry 1 Bushra Niaz			English Composition and Comprehension 1 Farah Iqbal
Friday	English Composition and Comprehension 1 Sadia Ashfaq		Programming Fundamentals 1 Sumaira Mustafa		Applied Physics 1 Waheed Ahmad	Pakistan Studies 1 Asma Yaqoob

SE-1B

Day/Period	1	п	ш	1:15-1:45	IV	v
Monday	Programming Fundamentals 1 Aliza Saeed	English Composition and Comprehension 1 Muhammad Iqbal	Pakistan Studies 1 Zainab Javeed		English Composition and C	Comprehensi on - Lab 1
Tuesday	English Composition and Comprehension 1 Rida Akram				Introduction to Information Technology - Iab Muhammad Haseeb Arshad	1
Wednesday		Programming Fundamentals 1 Aliza Saeed	Applied Physics 1 Dr. Arslan Ahmed Amin	L U N C H	English Composition and Comprehension - Lab 1 Farah Iqbal	English Composition and Comprehension - Lab 1 Farah Iqbal English Composition and Comprehension 1 Muhammad Iqbal
Thursday			Applied Physics 1 Dr. Arslan Ahmed Amin		Programming Fundamenta Aliza Saeed	tls - Lab
Friday	English Composition and Comprehension 1 Rida Akram	Calculus and Analytical Geometry 1 Bushra Niaz	Pakistan Studies 1 Zainab Javeed			Calculus and Analytical Geometry 1 Bushra Niaz

SE-3A

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday					Human Computer Interaction 1 Dr. Shahnawaz Qureshi	Marketing Management 1 Hafiz M.Zeeshan Raza
Tuesday	Software Requirement Engineering 1 Pariwish Touseef	Data Structures 1 Muhammad Usman Joyia	Object Oriented Programming - Lab 1 Muhammad Yousaf		Object Oriented Programming - Lab 1 Muhammad Yousaf	
Wednesday	Linear Algebra 1 Chilmana Sarmad	Human Computer Interaction 1 Dr. Shahnawaz Qureshi	Marketing Management 1 Hafiz M.Zeeshan Raza	L U N C H	Data Structures - Lab Aqsa Younas	1
Thursday	Object Oriented Programming 1 Dr Usman Habib	Data Structures 1 Muhammad Usman Joyia	Software Requirement Engineering 1 Pariwish Touseef			
Friday	Object Oriented Programming 1 Dr Usman Habib	Linear Algebra 1 Ghilmana Sarmad				

SE-3B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday			Finance & Accounting 1 Muhammad Nasif			Linear Algebra 1 Ghilmana Sarmad
Tuesday		Finance & Accounting 1 Muhammad Nasif	Human Computer Interaction 1 Dr. Shahnawaz Qureshi			
Wednesday		Linear Algebra 1 Ghilmana Sarmad	Data Structures 1 Asif Ameer	L U N C H	Software Requirement Engineering 1 Pariwish Touseef	
Thursday			Human Computer Interaction 1 Dr. Shahnawaz Qureshi		Data Structures - Lab Asif Ameer	1
Friday	Data Structures 1 Asif Ameer					Software Requirement Engineering 1 Pariwish Touseef

SE-5A

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Technical and Business Writing 1 Muhammad Nouman Iftikhar	Database Systems - Lab Nasreen Akhtar	1		Probability and Statistics 1 Haris Khurram	
Tuesday			Operating Systems - Lab 1 Muhammad Yousaf		Operating Systems - Lab 1 Muhammad Yousaf	Operating Systems 1 Muhammad Husnain
Wednesday	Software Quality Engineering 1 Tehreem Aslam	Operating Systems 1 Muhammad Husnain	Software Construction and Development 1 Dr. Affan Rauf	L U N C H	Technical and Business Writing 1 Muhammad Nouman Iftikhar	
Thursday		Software Construction and Development - Lab Muhammad Azeem Iftikhar			Database Systems 1 Nasreen Akhtar	Operation Research 1 Dr. Muhammad Imran Babar
Friday	Database Systems 1 Nasreen Akhtar	Software Quality Engineering 1 Tehreem Aslam	Operation Research 1 Dr. Muhammad Imran Babar		Software Construction and Development 1 Dr. Affan Rauf	Probability and Statistics 1 Haris Khurram

SE-5B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Probability and Statistics 1 Haris Khurram					Probability and Statistics 1 Haris Khurram
Tuesday		Software Construction and Development - Lab 1 Muhammad Azeem Iftikhar			Software Construction and Development 1 Dr. Affan Rauf	
Wednesday	Operation Research 1 Dr. Muhammad Imran Babar		Operation Research 1 Dr. Muhammad Imran Babar	L U N C H	Technical and Business Writing 1 Muhammad Nouman Iftikhar	
Thursday	Technical and Business Writing 1 Muhammad Nouman Iftikhar	Software Quality Engineering 1 Abdul Qadeer Bilal				
Friday		Software Quality Engineering 1 Abdul Qadeer Bilal	Software Construction and Development 1 Dr. Affan Rauf			