CS-1A

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

CS-1B

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension 1 Junaid Shahid	English Composition and C	Comprehension - Lab 1		Digital Logic Design - Lab Mujahid Hussain	1
Tuesday	Programming Fundamentals 1 Rizwan ul Haq	English Composition and Comprehension 1 Muhammad Ammar	Introduction to Information and Communication Technology - Lab 1 Umar Naseer		Introduction to Information and Communication Technology - Lab 1 Umar Naseer	Digital Logic Design 1 Muhammad Sajid Iqbal
Wednesday	English Composition and Comprehension 1 Muhammad Ammar	Programming Fundamenta Pariwish Touseef	Programming Fundamentals - Lab 1 Pariwish Touseef		Digital Logic Design 1 Muhammad Sajid Iqbal	
Thursday	English Composition and Comprehension - Lab 1 Muhammad Iqbal English Composition and Comprehension 1 Junaid Shahid	English Composition and Comprehension - Lab 1 Muhammad Iqbal				Islamic Studies/Ethics 1 Rizwanullah
Friday	Islamic Studies/Ethics 1 Rizwanullah	Linear Algebra Amjad Hussain	1		Programming Fundamentals 1 Rizwan ul Haq	

CS-1C

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

CS-1D

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

CS-1E

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

CS-1F

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

CS-3A

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

CS-3B

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

CS-3C

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

CS-3D

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

CS-3E

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

CS-5A

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

CS-5B

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

CS-5C

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

CS-5D

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

CS-5E

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

CS-7A

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

CS-7B

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

CS-7C

Day/Peri od	I	11	ш	1:15-1:45	IV	v
Monday	Applied Machine Learning 1 Dr. Hashim Yasin	Professional Practices in IT 1 Masood Habib	Applied Machine Learning 1 Dr. Hashim Yasin			
Tuesday	Information Security 1 Dr. Irfan ul Haq					
Wednesday				L U N C H	Professional Practices in IT 1 Masood Habib	
Thursday	Software for Mobile Devices	s - Lab 1				
Friday						Information Security 1 Dr. Irfan ul Haq

CS-7D

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

CS-7E

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

CS-7F

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

CS-9A

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Computer Architecture 1 Muhammad Usman Joyia					
Tuesday	1		Computer Architecture 1 Muhammad Usman Joyia			
Wednesday				L U N C H		
Thursday						
Friday						

SE-1A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension - Lab 1 Muhammad Ammar	English Composition and Comprehension - Lab 1 Muhammad Ammar English Composition and Comprehension 1 Farah Iqbal	English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq	
Tuesday	Calculus and Analytical Geometry 1 Bushra Niaz	Applied Physics 1 Waheed Ahmad			Programming Fundamentals 1 Sumaira Mustafa	
Wednesday	Programming Fundamentals - Lab Sumaira Mustafa		English Composition and Comprehension 1 Sadia Ashfaq	L U N C H	Applied Physics 1 Waheed Ahmad	Pakistan Studies 1 Asma Yaqoob
Thursday	Introduction to Information and Communication Technology - Lab 1 Umar Naseer		English Composition and Comprehension 1 Farah Iqbal		Programming Fundamentals 1 Sumaira Mustafa	
Friday		Pakistan Studies 1 Asma Yaqoob	English Composition and Comprehension 1 Sadia Ashfaq		Calculus and Analytical Geometry 1 Bushra Maz	

SE-1B

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

SE-3A

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

SE-3B

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

SE-5A

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

SE-5B

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