CS-1A

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

CS-1B

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

CS-1C

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

CS-1D

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

CS-1E

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

CS-1F

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

CS-3A

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

CS-3B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Object Oriented Programmi Muhammad Hannan Faroo	1	Differential Equations 1 Arfan Shahzad		Computer Organization and Assembly Language - Lab 1 Ali Raza Object Oriented Programming 1 Dr Usman Habib	Computer Orgnaization and Assembly Language - Lab 1 Ali Raza
Tuesday					Data Structures - Lab Muhammad Hannan Farooq Object Oriented Programming 1 Dr Usman Habib	Data Structures - Lab 1 Muhammad Hannan Farooq
Wednesday	Discrete Structures 1 Dr. Muhammad Ahmad	Fundamentals of Management 1 Muhammad Tayyeb Riaz	Computer Organization and Assembly Language 1 Abdul Qadeer Bilal	L U N C H	Differential Equations 1 Arfan Shahzad	
Thursday						Fundamentals of Management 1 Muhammad Tayyeb Riaz
Friday		Computer Organization and Assembly Language 1 Abdul Qadeer Bilal	Discrete Structures 1 Dr. Muhammad Ahmad			

CS-3C

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

CS-3D

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

CS-3E

Day/Period	I	11	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	
Tuesday						
Wednesday				L U N C H		Finance & Accounting 1 Agha Mureed Ahmad Khan
Thursday		Differential Equations 1 Hayat Ali	Finance & Accounting 1 Agha Mureed Ahmad Khan			
Friday						

CS-5A

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

CS-5B

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Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Marketing Management 1 Hafiz M.Zeeshan Raza		Computer Networks 1 Dr. Bilal Khan			
Tuesday					Web Programming Muhammad Shahrose Khai	1
Wednesday	Theory of Automata 1 Anmol Bilal		Computer Networks - Lab 1 Ayesha Liaqat	L U N C H	Computer Networks - Lab 1 Ayesha Liaqat	
Thursday	Computer Networks 1 Dr. Bilal Khan		Software Design and Analysis 1 Dr. Muhammad Bilal		Theory of Automata 1 Anmol Bilal	Marketing Management 1 Hafiz M.Zeeshan Raza
Friday			Software Design and Analysis 1 Dr. Muhammad Bilal			

CS-5C

Day/Period	ī	11	ш	1:15-1:45	IV	v
Monday		Computer Networks 1 Dr. Bilal Khan	Advanced Programming 1 Awais Azam		Probability and Statistics 1 Haris Khurram	Advanced Programming 1 Awais Azam
Tuesday	Computer Networks - Lab Sumaira Mustafa	1			Theory of Automata Numan Shafi	1
Wednesday				L U N C H		
Thursday	Computer Networks 1 Dr. Bilal Khan		Probability and Statistics 1 Haris Khurram			
Friday		Software Design and Analysis 1 Dr. Uzair Iqbal			Software Design and Analysis 1 Dr. Uzair Iqbal	

CS-5D

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

CS-5E

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

CS-7A

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

CS-7B

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

CS-7C

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

CS-7D

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

CS-7E

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

CS-7F

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

CS-9A

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

SE-1A

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

SE-1B

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Pakistan Studies 1 Zainab Javeed	Introduction to Information Technology - Lab Muhammad Haseeb Arshad	1		Applied Physics 1 Dr. Arslan Ahmed Amin	
Tuesday	English Composition and Comprehension 1 Rida Akram	Programming Fundamentals 1 Aliza Saced	Calculus and Analytical Geometry 1 Bushra Niaz		Programming Fundamenta Aliza Saeed	ıls - Lab
Wednesday	Calculus and Analytical Geometry 1 Bushra Ni az	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		
Thursday	English Composition and Comprehension - Lab 1 Farah Iqbal English Composition and Comprehension 1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Farah Iqbal			English Composition and Comprehension 1 Muhammad Iqbal	Applied Physics 1 Dr. Arslan Ahmed Amin
Friday			Programming Fundamentals 1 Aliza Saeed		Pakistan Studies 1 Zainab Javeed	

SE-3A

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

SE-3B

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

SE-5A

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

SE-5B

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