## CS-1A

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

## CS-1B

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

## CS-1C

Day/Peri od	ī	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  English Composition and Comprehension  1 Junaid Shahid	English Composition and Comprehension - Lab 1 Junaid Shahid		English Composition and Comprehension - Lab 1 Junaid Shahid	English Composition and Comprehension 1 Muhammad Ammar
Tuesday	Digital Logic Design - Lab 1 Mujahid Hussain				Linear Algebra Amjad Hussain	1
Wednesday	Introduction to Information and Communication Technology - Lab		Digital Logic Design 1 Dr. Adil Zulfiqar	L U N C H	Programming Fundamentals 1 Dr. Rabia Maqsood	
Thursday	English Composition and Comprehension  Programming Fundamentals  1  Muhammad Ammar  Dr. Rabia Maqsood		Islamic Studies/Ethics 1 Zia Ahmad		Programming Fundamentals - Lab  Ayesha Liaqat	
Friday		Islamic Studies/Ethics 1 Zia Ahmad			Digital Logic Design 1 Dr. Adil Zulfiqar	English Composition and Comprehension 1 Junaid Shahid

## CS-1D

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

# CS-1E

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

## CS-1F

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

## CS-3A

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari	Computer Organization and Assembly Language - Lab  1 Abuzar Ghafari  Calculus and Analytical Geometry  1 Bushra Niaz  Differential Equations		Object Oriented Programmi Muhammad Hannan Faroo	1
Tuesday	Linear Algebra 1 Ghilmana Sarmad		Data Structures - Lab 1 Saba Aslam		Data Structures - Lab  Saba Aslam  Object Oriented Programming  Shoaib Saleem	Calculus and Analytical Geometry  1 Bushra Niaz  Differential Equations  1 Arfan Shahzad
Wednesday		Data Structures  1 Muhammad Husnain Object Oriented Programming  1 Shoaib Saleem	Applied Physics  1 Muhammad Mohsin Hameed  Computer Organization and Assembly Language  1 Abdul Qadeer Bilal	L U N C H		Data Structures 1 Muhammad Husnain
Thursday	Digital Logic Design 1 Muhammad Irfan Ishaq	Discrete Structures 1 Dr. Muhammad Ahmad	Digital Logic Design 1 Muhammad Irfan Ishaq		Applied Physics  Muhammad Mohsin Hameed  Computer Organization and Assembly Language  1 Abdul Qadeer Bilal	
Friday	Finance & Accounting  Agha Mureed Ahmad Khan	1	Discrete Structures 1 Dr. Muhammad Ahmad			Linear Algebra 1 Ghilmana Sarmad

# CS-3B

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

# CS-3C

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

# CS-3D

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

# CS-3E

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

## CS-5A

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

# CS-5B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday						
Tuesday	Software Design and Analysis 1 Dr. Muhammad Bilal	Computer Networks  1 Dr. Bilal Khan				Web Programming 1 Muhammad Shahrose Khan
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			Theory of Automata 1 Anmol Bilal
Friday	Theory of Automata  1 Anmol Bilal	Software Design and Analysis 1 Dr. Muhammad Bilal			Computer Networks 1 Dr. Bilal Khan	

# CS-5C

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

# **CS-5D**

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

# CS-5E

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

## CS-7A

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

# CS-7B

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

## **CS-7C**

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

# CS-7D

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday			Applied Machine Learning 1 Dr. Hashim Yasin			
Tuesday		Professional Practices in IT 1 Tehreem Aslam	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		Professional Practices in IT 1 Tehreem Aslam
Thursday	Information Security  1 Dr. Muhammad Umar Aftab				Information Security 1 Dr. Muhammad Umar Aftab	
Friday						

# CS-7E

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

# CS-7F

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

## CS-9A

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

## SE-1A

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 Ehtasham-Ul-Haq		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq	
Tuesday		English Composition and Comprehension 1 Farah Iqbal	Pakistan Studies 1 Asma Yaqoob			Calculus and Analytical Geometry 1 Bushra Ni az
Wednesday	Programming Fundamentals - Lab 1 Sumaira Mustafa			L U N C H	Calculus and Analytical Geometry 1 Bushra Niaz	English Composition and Comprehension  1 Farah Iqbal  English Composition and Comprehension  1 Sadia Ashfaq
Thursday	Introduction to Information and Communication Technology - Lab  1 Umar Naseer		Applied Physics 1 Waheed Ahmad			English Composition and Comprehension 1 Sadia Ashfaq
Friday	Pakistan Studies 1 Asma Yaqoob	Programming Fundamentals 1 Sumaira Mustafa	Applied Physics 1 Waheed Ahmad			Programming Fundamentals 1 Sumaira Mustafa

## SE-1B

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

# SE-3A

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

# SE-3B

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

## SE-5A

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

# SE-5B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday		Technical and Business Writing 1 Muhammad Nouman Iftikhar				
Tuesday			Operation Research  1 Dr. Muhammad Imran Babar		Software Quality Engineer Abdul Qadeer Bilal	ing 1
Wednesday	Software Construction and Development 1 Dr. Affan Rauf	Probability and Statistics 1 Haris Khurram		L U N C		
Thursday		Software Construction and Development 1 Dr. Affan Rauf			Software Construction and Muhammad Azeem Iftikha	1
Friday		Probability and Statistics 1 Haris Khurram	Operation Research  1 Dr. Muhammad Imran Babar		Technical and Business Writing 1 Muhammad Nouman Iftikhar	