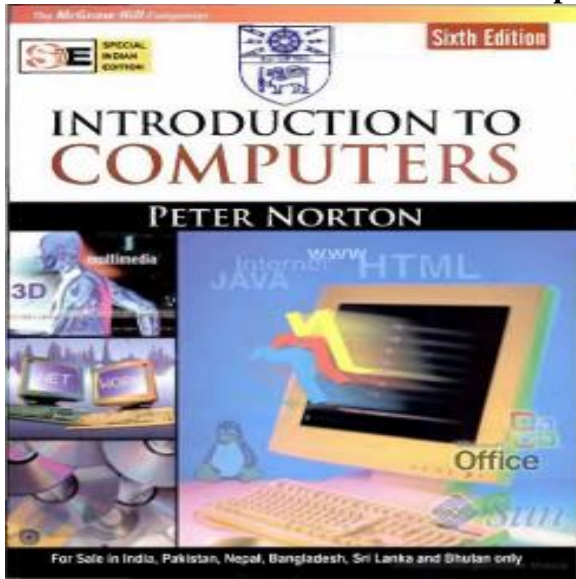




The Islamia University of Bahawalpur
Baghdad ul Jadeed Campus
DEPARTMENT OF STATISTICS
Course Plan

Class: BS 1st Statistics

Session: 2020-2024

Instructor	Nadia Khan	Email: nadiakhan1470@gmail.com	
Course Title	Introduction to Computer	Program	BS English
Course Code	01103	Credit Hours	4
Lecture	Monday - Tuesday (01:30 pm to 03:00 pm)		
Course Objective: The course introduces students to information and communication technologies and their application in the workplace. Students will get basic understanding of computer software, hardware, and associated technologies. They will also learn how computers are used in the workplace, how communications systems can help boost productivity, and how the Internet technologies can influence the workplace.			
Course Outcomes: At the End of this course you would be able to: Introduction to Computers, The Internet and World Wide Web, Application Software, The System Unit, Input Devices, Output Devices, Storage, System Software, Communications, Databases, Computer Security and Safety, Ethics, and Privacy.			
Methods of Teaching <ul style="list-style-type: none">Assigned readingsGroup activities & DiscussionStudent-Directed Teaching			
Resource Material	Books Prescribed: Introduction to Computer, Peter Norton 6th Edition 		
	2.Reference Book		
		1. Computers: Information Technology in Perspective, 9/e by Larry Long and Nancy Long, 2. Computing Essentials 2012 by Timothy J. O'Leary and Linda I. O'Leary, McGraw Hill 3. An Invitation to Computer Science, Schneider and Gersting, Brook 4. Computers: Understanding Technology by Fuller, Floyd; Larson, Brian, Fourth Edition, ISBN: 978-0-76383-927-7 (OR Latest Edition.)	
	Ii	Handouts provided	
Web Resources			

		Web resources will be recommended time to time	
Office Hours	Help	02:30 pm to -04:00pm Monday, Tuesday	
Grading		Exam _____ Mid- Exam (30%) Final Exam (50%) Problem Session/Assignments (20%)	
Problem Session			
<u>SEQUENCE OF TOPICS TO BE COVERED</u>			
Lecture Date	Session #	Topics (outline of main topics and sub topics)	Tutorial /Laboratory
Week 1	1 & 2	Overview: Computer Devices and Web: What is Computer? Data and Information, Information Processing Cycle (see book and also follow that url: https://turbofuture.com/computers/Classification-Of-Computers-According-To-Size)(https://pcguide4u.com/full-forms-computer-related-terms/)	Question & Answer Session/General Discussion related to the Topic
Week 2	3 & 4	History of Computer and classification of Computer, Generation of Computer (see book and also follow that url: https://www.toppr.com/guides/computer-aptitude-and-knowledge/basics-of-computers/generations-of-computers/)	
Week 3	5 & 6	Computer System and its Components , Advantages and Disadvantages of Using Computers (see book and also follow that url: https://www.ict ounge.com/html/computercomponentshtm)	
Week 4	7 & 8	Introduction to Software Software for Home, Personal, and Educational use Web Applications, Application Software for Communications (see book and also follow that url: https://study.com/academy/lesson/what-is-application-software-definition-examples-types.html)	
Week 5	9 & 10	Quiz	All Covered Topics
		Input and Input devices Input Devices: What is Input? What are Input devices ? The Keyboard , Pointing Devices, Mouse, other Pointing Devices (see book and also follow that url: https://pcguide4u.com/list-input-output-devices-computer/)	Question & Answer Session/General Discussion related to the Topic
Week 6	11 & 12	Output and Output devices Output Devices: What is Output? Display devices, Printers, Speakers ,headphones, Other Output devices (see book and also follow that url: https://youtu.be/z3KnlfATUek Intro to computrr above link)	

Week 7	13 &14	Introduction to Digital Storage Hard disk, Memory Storage, Optical discs	
Week 8	15	Internet The Internet Website and media: Key Concepts of the Internet, How the internet works (<u>see book and also follow that url:</u> https://medium.com/@User3141592/ how-does-the-internet-work-edc2e22e7eb8)	
		Quiz	
Week 8	16	Course/Discussion from session 1- 16	
Mid Term Exam			
Week 9	17 & 18	Internet World wwide web, other internet services, Microsoft Office, MS Word (<u>see book and also follow that url:</u> https://youtu.be/0pxjNj0PIOY)	Question & Answer Session/General Discussion related to the Topic
Week 10	19 & 20	MS Powerpoint , MS Excel (<u>see book and also follow that url:</u> https://youtu.be/0pxjNj0PIOY)	
Week 11	21 & 22	MS Office activity	
		Quiz	
Week 12	23 & 24	Computer networks and internet. Type of computer network , Network architecture History of internet, connection of internet, services of internet. (<u>see book and also follow that url:</u> https://youtu.be/ H ESqeoBYDtA Network architecture types)	Question & Answer Session/General Discussion related to the Topic
Week 13	25 & 26	Cloud Computing (<u>see book and also follow that url:</u> https://youtu.be/uroryFU78gM Cloud computing) (Check out this SlideShare : https://www.slideshare.net /himanshuawasthi2019/cloud-computing;ppt-16240131)	
Week 14	27 & 28	Communicating Digital Content: Uses of Computer Communications, Communications Devices, Home networks, Communication Channel (http://www.slideshare.net/momikhanniazi14/communication-channelsppt?from_m_app=android -Sent from the SlideShare Android App (http://Inkd.in/SlideShareAndroid))	
Week 15	29 & 30	Introduction to Database What is database, what is DBMs, Metadata, component of database system,Keys.	Question& Answer Session/General

		(see book and also follow that url: https://www.guru99.com/dbms-keys.html) (https://youtu.be/eA02pn64lrE)	Discussion related to the Topic
Week 16	31	Revision of all covered topics & Quiz	
	32	Course/Discussion from session 1- 32	
Final Term Paper			

Student Evaluation criteria:

Attendance	5%
Presentation / Assignments/Case study	5%
Surprise Test/Sudden Test , Quizzes	5%
Class Participation	5%
Mid Term Paper	30%
Final Term paper	50%
Total	100%

Student Responsibilities:

Students must attend their classes. Failure to attend the class may result in failure in the course. Students must also arrive on time and remain in the class for the entire period. Cellular Phones and Beeper must be Turned off (Proper classroom decorum [behavior] adopts, Course outlines and calendars explain requirements and assignments, students are responsible for knowing what they say. Students are also responsible for doing all assigned work on time. Excessive absences (more than 03) will result in “F Grade”. Students may prepare Sketchbook for taking notes and for references.

Instructor/Tutor

Approved by:

Dean/ Chairman/ HOD/Subject Specialist/Program Coordinator