



NORTH SOUTH UNIVERSITY
Center of Excellence in Higher Education
The first private university in Bangladesh
School of Business and Economics
Department of Management

Course Name:	Introduction to Statistics
Course Code & Section No.	BUS 172; Sections 1 and 3
Semester:	Spring 2021

INSTRUCTOR & DEPARTMENT INFORMATION

1. Instructor Name:	Shah Iftekhar Hossain
2. Office	NAC 857
3. Office Hours:	<ul style="list-style-type: none">• During online class mode: Ad hoc; using email and/or Google Meet. Students may schedule appointments using https://calendly.com/iftnsu• During on-campus class mode:• 7:25 – 7:55 AM, and 11:45 AM – 1:15 PM on Sundays, Mondays, Tuesdays, and Wednesdays, while classes in are session/scheduled
4. Office Phone:	255668200 ext. 1747
5. Email Address:	shah.hossain@northsouth.edu
6. Department:	Management
7. Links:	Instructor Website: https://iftnsu.weebly.com/

COURSE & SECTION INFORMATION

Class Time & Location	Section 1: 8:00 – 9:30 AM, Sundays & Tuesdays, NAC 405 Section 3: 9:40 – 11:20 AM, Sundays & Tuesdays, NAC 405
Course Prerequisite(s)	None
Course Credit Hours	3
Course Description	Introduction to modern theory and methodology of Statistics and their application in the Economics and Business. Topics include descriptive statistics, probability theory, sampling theory and methodology, sampling distribution and hypothesis testing. Computer application is a compulsory component of this course.
Course Objectives	<ul style="list-style-type: none">• Students will learn to use the standard statistical tools employed in practical applications.• Students will learn to use statistical concepts for application in business and economics.• Students will learn to use the application of common tools such as Standard Deviation, Probabilities, various statistical distribution tables, Z-test, and T-test.• Students will learn to understand and describe data classification and reporting using various tabular and graphical tools.

Student Learning Outcomes

Upon the successful completion of this course, a student will be able to:

1. Present qualitative and/or quantitative data on tabular and/or graphical formats.
2. Calculate commonly used statistical tools such as mean, range, standard deviation, frequency, probability.
3. Learn to use the various statistical tables, such as the Table of Binomial Probabilities/Table of Poisson Probabilities/Standard Normal Distribution Table /t Distribution.
4. Utilize Z-test and t-test.

Note: Students will demonstrate above learning outcomes through one or more of the following: assignment, quiz, midterm exams, and final exam.

TEXTBOOK(S)

Author	Title	Edition & Year	Publisher	ISBN
Mann, Prem	Introductory Statistics	Seventh Edition (2010)	JOHN WILEY & SONS, INC.	978-0-470-44466 5

TEACHING STRATEGY

The instructor will present the concepts of statistics through lecture and guided discussion. The principles will be applied to a variety of business conditions and will be presented from a —real world perspective. Classes will be conducted using a variety of methods. These will include lectures, small group discussions and exercises. You are encouraged to actively participate in all aspects of the class as significant learning occurs when all members of the class make contributions. I see my role as to facilitate learning through a varied and collaborative experience, not simply by lecturing.

ASSESSMENT STRATEGY AND GRADING SCHEME

Grading tool	Points
Mid-Term Examination I ¹	20%
Mid-Term Examination II	25%
Final Examination	30%
Quiz (All quizzes will be included)	20%
Attendance and Class Participation	5%

The final grade will be a percentage of the accumulation of all points received over the course as follow (eg: your earned points/total points)100

100%-93%=A

79%-77%=C+

60%-66%=D

92%-90%=A-

76%-73%=C

60% or less =F

89%-87%=B+

72%-70%=C-

86%-83%=B

69%-67%=D+

82%-80%=B-

Note: This assigned percentage letter grade may be altered at the instructor's discretion

There are two *Bonus Opportunities*. Please see the section calendar. Completion of the two *Bonus Opportunities* will ¹ add 1% bonus for each opportunity to the first mid-term examination

CLASS ROOM RULES OF CONDUCT

1. Cellular phones should be **—turned off/—Silent mode** during the class.
2. Students are advised to frequently refer to the **Student Handbook of North South**

University on the following link: <http://www.northsouth.edu/student-code-of-conduct.html>

3. **Academic Integrity Policy:**

Academic dishonesty of any type will not be tolerated. This includes, but is not limited to, plagiarism (copying others work and representing it as our own—in part or in total— without tile appropriate citations) and copying others responses during the exams. In addition, classroom professionalism is to be maintained at all times. This means that when the professor is speaking or when Students are presenting their ideas, the classroom should he silent with the exception of invited questions. As in any academic environment questions are welcome, but informal chatter or communication among class members becomes a distraction for all those in attendance and will not be tolerated.

No talking or other forms of communication with other students will be allowed when exams are being distributed. The no talking requirement is enforced during the exam and continues until all students have handed their exam in to the instructor. Any talking during the exam will disqualify you from taking the exam. It is my (and all other professors) expectation that your academic work for the course will be performed without resorting to cheating, plagiarism, lying, and/or bribery. Any student engaging in any of these behaviors will be dealt according to North South University's code of conduct.

ATTENDANCE POLICY

In order to foster a collaborative learning experience where shared student participation is important, attendance is critical. We recognize situations may develop where you may miss class due to illness, unique family considerations. In such a case, you are still responsible to ensure your assignments are submitted on time and that you know the information covered in that session. Arriving late for class is rude, unprofessional, and detracts from the learning experience of your fellow students. Consistent tardiness has the following consequences. First late arrival - no penalty, second late arrival and thereafter - ½ %off final course grade. North South University mandates to fail students who are absent 25% or more from their classes, even if such absences are excusable.

COURSE ADJUSTMENTS

The instructor reserves the right to make adjustments in the course requirements consistent with the course's overall objectives. Total course workload and available time will be considered in any such adjustments. The students will be notified at the earliest possible time if changes are to be made.

Communication Policy

Instructor will use his email to communicate with students. Students are responsible to check their emails regularly.

APPROPRIATE USE POLICY

All members of the North South University community must use electronic communications in a responsible manner. The University may restrict the use of its computers and network systems for electronic communications subject to violations of university policies/codes or local laws or national laws. Also, the

university reserves the right to limit access to its networks through university-owned or other computers, and to remove or limit access to material posted on university-owned computers.

Students With Special Needs

North South University will provide educational opportunities that ensure fair, appropriate and reasonable accommodation to students who have disabilities/special needs that may affect their ability to participate in course activities or meet course requirements. Students with disabilities are encouraged to contact their instructors to ensure that their needs are met. The University through its Special Need section will exert all efforts to accommodate special needs.

STUDENTS COMPLAINTS POLICY

Students at North South University have the right to pursue complaints related to faculty, staff, and other students. The nature of the complaints may be either academic or non-academic. For more information about the policy and processes related to this policy, you may refer to the students' handbook.