

Department of Computer Science and Engineering

Semester: 2nd

📄 **Course Code:** BBA 510113

📄 **Course Title:** Computer And Information Technology

📄 **Section:** All

📄 **Instructor's Information:**

- **Name:** Md. Imtiaz Ahmed
- **Designation:** Lecturer, CSE
- **Office Location:** 5^h Floor, Lazz Pharma Building
- **Cell phone No.:** 01717430880
- **Class Code of the Course on Google Classroom:** yzvfmp2
- **Email Address:** imtiaz_nu@diit.info
- **Google Site link:** <https://sites.google.com/diit.info/imtiaznu/home>

📄 **Academic Integrity:**

Daffodil Institute of IT is committed to the highest standards of academic excellence, integrity and honesty under National University of Bangladesh. Students are expected to abide by these standards regarding academic honesty and to uphold the policies of the University in this respect and avoid any behavior which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offense. Academic dishonesty is a serious offense and can result in suspension or expulsion from the Institute.

📄 **Course Objectives:**

This course will develop student's knowledge of

- Technical terminology related to computers, electronic communication and applications software.
- Electronic systems, communication networks and applications in use today.
- The social impact of information systems
- The functions of an operating system, including allocating system resources, media and file management.
- Computer applications in Business.

Course Contents:

- Introduction to ICT and overview of computer basics.
- Fundamental of Computer Hardware: Input unit, output unit, storage unit, arithmetic logic unit (ALU), control unit, and central processing unit (CPU).
- Computer Software: Relationship between software and hardware, types of software, firmware, middleware, software development life cycle (SDLC).
- Processor and Memory: CPU and main memory.
- Programming Languages and Program Development.
- Operating System: Definition and need for operating system, Main functions of an operating system.
- Internet and E-commerce.
- Information System in Business: Management Information System.
- Networks and data communication, LAN, MAN, WAN, Network protocol and services, Network hardware and media, Hubs, Bridges, routers and gateways.

Text and Reference Books:

1. Kenneth C. Laudon & Jane P. Laudon, (2013) Management Information Systems, 13th Edition, Pearson, India
2. Jabber, Mustafa (2018) Computer and Information Technology, 4th Edition, Dhaka
3. Pradeep K. Sinha & Priti Sinha, (2011). Computer Fundamentals 6th Edition, BPB Publications, India

Midterm & Final Exam:


Midterm & Final examination will be conducted as per the schedule declared by the department.

Academic Dishonesty Policy:

Each student will be expected to do his/her own work on tests and assignments. If a student is found to be cheating (or helping someone else to cheat) on a test or any assignment, he/she will receive a grade of zero for that assignment or test.

Special Instructions:

- All students are encouraged to attend all the classes on time.
- There will be 3 (three) unannounced class tests and all of them will be counted.

➤ There will be no make-up for the class tests. 

-----*Best of Luck with this Semester*-----