



East West University

Department of Computer Science and Engineering

Course Outline

Course Information

Course: CSE101 Introduction to Computers-I

Credit and Teaching Scheme:

	Theory	Total
Credit	3	3
Contact Hours	3 Hours/Week for 13 Weeks	3 Hours/Week for 13 Weeks

Instructor Information

Instructor: Md. Shamsujjoha
 Senior Lecturer, Department of Computer Science and Engineering
 &
 Assistant Proctor, East West University

Office: Room # 646

Tel. No.: 09666775577 (hunting) ext. 107

E-mail: msj@ewubd.edu, dishacse@yahoo.com

URL: <http://www.ewubd.edu/~msj/>

TA: TBA

Class Routine and Office Hour

Day	11.50-01.20	01.30-03.00	03.10-04.40	04.50-06.50
Sunday	CSE 245 (1) Room: 223	Office Hour	CSE 101 (2) Room: 530	CSE 245 (2) Room: 529
Monday	CSE 245 (2) Room: 637	Office Hour	CSE 245 (3) Room: 113	CSE 245 (1) Room: 533
Tuesday	CSE 245 (1) Room: 529	Office Hour	Office Hour	
Wednesday	CSE 245 (2) Room: 531	Office Hour	CSE 245 (3) Room: 113	
Thursday		Office Hour	CSE 101 (2) Room: 212	CSE 245 (3) Room: 529

Course Outcome (CO)

After completion of this course students will have the skills and capability to be able to affectively use information and communications technology in today's business world. It will provide students the basic knowledge of computer such as hardware, software, computer languages, operating systems, compilers and data communication as well as practical knowledge of different types of operating systems and application packages. The issues related with ICT and business will also be discussed.

Course Contents and Teaching Schedule:

Mid -Term 1 Exam:

- ❖ Introduction to ICT
- ❖ Overview of Computer Basics
- ❖ Computer hardware including Input, Processing, Output, Storage and Communication
- ❖ Computer Software including System and Application software (OS and others)
- ❖ Data Representation and Number Systems: Decimal, Binary, Octal and Hexadecimal number system and conversion of numbers between different systems.
- ❖ Lab – Word processing applications (i.e. MS Word)

Mid-term 2 Exam:

- ❖ Networks and Data Communication
- ❖ LAN, MAN, WAN, Network Topology, Network Protocol and Services
- ❖ Network Hardware and Media, Hubs, Bridges, Routers and Gateways.
- ❖ Internet and Intranet, Web Browsers, Search Engines
- ❖ Lab -Use of Spreadsheet (i.e. MS Excel: Functions, Pivot tables, Macros etc.)

Final Exam:

- ❖ Basics of security concept
- ❖ E-commerce, Online Shopping, Online Banking
- ❖ Database systems
- ❖ HTML Basics
- ❖ Lab – Presentation tools (i.e. MS PowerPoint)

Learning Outcomes

- ❖ **Knowledge and understanding**
 - Understand the importance computer
 - Understand and write the working procedure of computer parts.
 - Understand the fundamental mathematical preliminaries for the efficient computer use.
- ❖ **Cognitive skills (thinking and analysis)**
 - Be able to understand and analysis difficult problems of computer uses.
 - Be able to analyze different software, hardware and calculate their effectiveness in different environments.
- ❖ **Communication skills (personal and academic)**
 - Two individual assignments involve writing effective reports and designing documentation, making effective presentations, and giving and receiving clear instructions.
 - A group assignment and a group presentation (to be done in a group) - where students will be assessed in terms of their effectiveness as individual or leader in a team.
- ❖ **Practical and subject specific skills (Transferable Skills)**
 - In addition to the continuous practical works, each group of student should be able to present a different presentation and complete a report based on the techniques taught to address the depth knowledge of computer and its uses.

Teaching Materials/ Online Resources/ Equipments

Main Reference (Text book)

- [1] Anita Goel, Computer Fundamentals, Latest Edition, Pearson Education, India.
[2] Peter Norton's Introduction to Computers, Fifth or later Edition, McGraw Hill.

Teaching Materials: Lecture Notes*, Lab Exercises/Notes*, Reference Book, and Computer & Software.

Teaching-Learning Method: Lecture Notes*, PDF Documents, Lab Exercises*, Assignments.

*Lecture and Lab Notes that are required for the course will be delivered during class.

Assessment Weightage (Evaluation and Grading Policy)

The relative contributions of exams, assignment, and lab work are as follows†:

❖ Class Participation	5%	❖ Term I Exam	15%
❖ Assignments	5%	❖ Term II Term Exam	15%
❖ Presentation/Report/Others	5%	❖ Final Exam	20%
❖ Quiz (Average of best two)	10%	❖ Lab works	25%

Grading System

Marks (%)	Letter Grade	Grade Point	Marks (%)	Letter Grade	Grade Point
97-100	A+	4.00	73-76	C+	2.30
90-96	A	4.00	70-72	C	2.00
87-89	A-	3.70	67-69	C-	1.70
83-86	B+	3.30	63-66	D+	1.30
80-82	B	3.00	60-62	D	1.00
77-79	B-	2.70	Below 60	F	0.00

Exam Dates

Section	Term I	Term II	Final
2	15 October 2018	15 November 2018	20 December 2018

Academic Code of Conduct

Academic Integrity:

Any form of cheating, plagiarism, personification, falsification of a document as well as any other form of dishonest behavior related to obtaining academic gain or the avoidance of evaluative exercises committed by a student is an academic offence under the Academic Code of Conduct and **may lead to severe penalties as decided by the Disciplinary Committee of the university.**

Special Instructions:

- **Late assignments suffer a penalty rate of 20% per day, up to 5 days (weekends count towards the 5 days).**
- Assignments that are more than 5 days late are penalized by 100%. Group-based assignment must be done in group of 3. **STRICTLY NO COPYING** from others.
- Students are expected to attend all classes and examinations. A student **MUST** have at least 80% class attendance to sit for the final exam.
- Students will not be allowed to enter into the classroom after 20 minutes of the starting time.
- For plagiarism, the grade will automatically become zero for that exam/assignment.
- Normally there will be **NO make-up exam**. However, in case of **severe illness, death of any family member, any family emergency, or any humanitarian ground**, if a student miss any exam, the student **MUST** get approval of makeup exam by written application to the Chairperson through the Course Instructor

within 48 hours of the exam time. Proper supporting documents in favor of the reason of missing the exam have to be presented with the application.

For **final exam**, there will be NO makeup exam. However, in case of **severe illness, death of any family member, any family emergency, or any humanitarian ground**, if a student miss the final exam, the student **MUST** get approval of **Incomplete Grade** by written application to the Chairperson through the Course Instructor **within 48 hours** of the final exam time. Proper supporting documents in favor of the reason of missing the final exam have to be presented with the application. **It is the responsibility of the student to arrange an Incomplete Exam within the deadline mentioned in the Academic Calendar in consultation with the Course Instructor.**

- All mobile phones **MUST** be turned to silent mode during class and exam period.
- There is **zero tolerance for cheating** in exam. Students caught with cheat sheets in their possession, whether used or not; writing on the palm of hand, back of calculators, chairs or nearby walls; copying from cheat sheets or other cheat sources; copying from other examinee, etc. would be treated as cheating in the exam hall. The only penalty for cheating is **expulsion for several semesters as decided by the Disciplinary Committee of the university.**