

Military Institute of Science & Technology

Mirpur Cantonment, Dhaka



Department of Computer Science & Engineering

Course	Instructors
Title: Object Oriented Programming language Sessional-II	Col Siddhartha Malik Instructor Class A
Code: CSE – 220	Lt Cdr Arnab Paul Instructor Class B
Credit Hour: 0.75	Capt Nayem Instructor Class C
Contact Hour: 1.50	Nipi Paul Lecturer
Level - II, Term - II	Md. Saidul Hoque Anik Lecturer

1.0 Course Objectives:

- 1.1 Learn the concept of OOP with a pure object oriented programming language (Java).
- 1.2 Learn how to use advance programming features such as GUI design, exception handling and multithreading.
- 1.3 Learn how to design and develop a complete real world software solution.

2.0 Text Books:

- 2.1 Java™ How to Program, 10th edition, by Paul Deitel & Harvey Deitel
- 2.2 Think Java: How to Think Like a Computer Scientist, by Allen B. Downey

3.0 Reference Books:

- 3.1 Java, The Complete Reference, 9th edition, by Herbert Schildt

4.0 Distribution of Marks:

Description	Percentage
Project	40
Online	30
Evaluation	10
Quiz	10
Attendance	10
Total	100

5.0 Distribution (Planning) of the Course Contents:

Week	Topic	Remarks
1-2	Fundamental Programming Structures in Java; Object Design and Programming with Java, Garbage Collector	
3-4	Java Interfaces; Java Swing (GUI)	Project Assignment
5-6	Java Array; String, StringBuffer, StringBuilder in Java	
7	Online	
8-9	Java IO; Java Collections	
10-11	Exception Handling; 50% Project Update	
12-13	Java concurrency; Generic Classes and Methods, Quiz	
14	Project Submission	

***There will be continuous project evaluation. Students are instructed to come prepared with their project updates every week from 6th week.**

Signature of the Senior Instructor: _____