



North South University

Department of Electrical and Computer Engineering

CSE 215L (Programming Language II Lab)
Spring 2024

Number of Credits:	3+1
Section:	4
Faculty:	Dr. Shafin Rahman
Lab Instructor:	Mahazabin Maisha
Email:	mahazabin.maisha@northsouth.edu

Office Hours	TBA
Class Timing	ST 12:15PM - 1:30PM
Room Number	LIB611

Marks Distribution:

Weightage distribution of grading

Attendance - 5%

Assignment/Homework – 10%

Lab assessment – 20%,

Midterm Exam – 20%

Project - 20%,

Final Exam – 25%

Tentative Course Plan:

Lab No.	Week No.	Topic
0	Week 1	No class
1	Week 2	Introduction, Environment Setup, Hello World Program
2		Console I/O, Datatypes, Operators, Expressions
3	Week 3	Common Mathematical operations, String functions
4		Conditional statements, Loops
5	Week 4	Methods with Conditional statements, Loops
6		Method Overloading + Array 1D
7	Week 5	Arrays (1D to n-D)
8		Introduction to Classes
9	Week 6	Introduction to Classes
10		Introduction to Classes
11	Week 7	Inheritance
12		Inheritance, Method overriding
13	Week 8	Inheritance, Method overriding + Review
14		Mid Exam on 50 marks
15	Week 9	Polymorphism
16		Inheritance, Polymorphism
17	Week 10	Exception Handling
18		Exception Handling
19	Week 11	Inheritance, Polymorphism, Exception Handling
20		Abstract Class
21	Week 12	Abstract Class + Interface
22		Abstract Class + Interface
23	Week 13	Exception Handling + Abstract Class + Interface
24		GUI – Intro to JavaFX, GUI Components
25	Week 14	GUI – JavaFX Layout Design, JavaFX Event Handling, Multithreaded JavaFX
26		File I/O + Revision and Discussion class
27	Week 15	Final Exam on 50 marks
	TBA	Project presentation + report submission (100 marks) + Team work (10)