

neoco lab	LAB TOPICS	Theory
Module-1	Basics	UNIT-1
Module-2	Control Statements	UNIT-1
Module-3	Class Objects constructors and Methods	UNIT-2
Module-4	String Handling	UNIT-2
Module-5	Arrays	UNIT-3
Module-6	Inheritance	UNIT-3
Module-7	Interface	UNIT-3
Module-8	Packages	UNIT-4
Module-9	Exception Handling	UNIT-4
Module-10	Java I/O and File	UNIT-4
Module-11	Multi-threading	UNIT-5
Module-12	Collections	UNIT-5

Syllabus	TOPICS	Texbook Chapters
UNIT-1	OOP Introduction, DataTypes, Variables, Operators, Control Statements	Chapters 1,2,3,4
UNIT-2	Class, Object, Constructors, String	Chapters 5,6,12
UNIT-3	Arrays, Inheritance, Interfaces	Chapters 7,8,9
UNIT-4	Packages, Exception Handling, Java I/O, Files	Chapters 10,11,17
UNIT-5	Multithreading, Collections	Chapters 13,16

MID-1	UNIT -1,2 - 15m+10m	25-08-2025
MID-2	UNIT-3,4,5 - 15m+10m	03-11-2025

Assignment-1 UNIT -1,2 - 5m	
For a case study do the following:	Due Date:21-08-25
The case study should cover topics in unit-1,2	
design	
code	
team poster presentation - use online tools	

Assignment-2 UNIT-3,4,5 - 5m	
For a case study do the following:	Due Date:23-10-25
The case study should cover all the topics in the syllabus	
design	
code	
team video presentation - use obs studio	

LAB	
In the lab there will be viva and coding presentation. 2 times in a month for each student - DAY TO DAY EVALUATION	10M
RECORD - neoco lab	5M
INTERNAL EXAMINATION	15M
EXTERNAL EXAMINATION	70M