

# Course Plan

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)
1	Lecture	Chapter 1: Introduction to Object Orientation	References: 1. Liang, Y. D. (2022). Introduction to Java programming and data structures: comprehensive version (12th ed.). Pearson. 2. Farrell. (2022). Java Programming (10th ed.). Cengage Learning. <a href="https://tarcez.tarc.edu.my/login?url=https://resolver.vitalsource.com/9780357675533">https://tarcez.tarc.edu.my/login?url=https://resolver.vitalsource.com/9780357675533</a>
	Tutorial		
	Practical	Practical 1: Introduction to Object Orientation	References: 1. Liang, Y. D. (2022). Introduction to Java programming and data structures: comprehensive version (12th ed.). Pearson. 2. Farrell. (2022). Java Programming (10th ed.). Cengage Learning. <a href="https://tarcez.tarc.edu.my/login?url=https://resolver.vitalsource.com/9780357675533">https://tarcez.tarc.edu.my/login?url=https://resolver.vitalsource.com/9780357675533</a>
2	Lecture	Chapter 2: Methods and Exception Handling	References as above.
	Tutorial		
	Practical	Practical 2: Methods and Exception Handling	References as above.
3	Lecture	Chapter 3: Arrays	References as above.
	Tutorial		
	Practical	Practical 3: Arrays	References as above.
4	Lecture	Chapter 4: Object and Classes (Part A)	References as above.
	Tutorial		
	Practical	Practical 4: Object and Classes	References as above.
5	Lecture	Chapter 4: Object and classes (Part B)	References as above.
	Tutorial		
	Practical	Practical 4: Object and classes (Continued)	References as above.

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)
6	Lecture	Chapter 4: Object and classes (Part C)	References as above.
	Tutorial		
	Practical	Practical 4: Object and classes (Continued)	References as above.
7	Lecture	Chapter 4: Object and classes (Part D)	References as above.
	Tutorial		
	Practical	Practical 4: Object and classes (Continued)	References as above.
8	Lecture	Chapter 5: Classes for Processing Strings	References as above.
	Tutorial		
	Practical	Practical 5: Classes for Processing Strings	References as above.
9	Lecture	Chapter 6: Inheritance and Polymorphism	References as above.
	Tutorial		
	Practical	Practical 6: Inheritance and Polymorphism	References as above.
10	Lecture	Chapter 6: Inheritance and Polymorphism	References as above.
	Tutorial		
	Practical	Practical 6: Inheritance and Polymorphism (Continued)	References as above.
11	Lecture	Chapter 7: Abstract and Interface	References as above.
	Tutorial		
	Practical	Practical 7: Abstract and Interface	References as above.

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)
12	Lecture	Chapter 7: Abstract and Interface	References as above.
	Tutorial		
	Practical	Practical 7: Abstract and Interface (Continued)	References as above.
13	Lecture	Chapter 8: Object-Oriented Design and Patterns	References as above.
	Tutorial		
	Practical	Practical 8: Object-oriented Design and Patterns (+ Assignment Presentation)	References as above.
14	Lecture	Chapter 8: Object-Oriented Design and Patterns	References as above.
	Tutorial		
	Practical	Practical 8: Object-oriented Design and Patterns (+ Assignment Presentation)	References as above.