

# Software Development II - Academic Year 23/24 (L4 Sept Intake)

## Teaching Schedule [PROG] (Schedule may subject to change)

Week	Week Starting	Lecture	Tutorial	Reading/ Independent work	Tests Will be available in BB. Try your own
1	22 <sup>nd</sup> Jan	Module Introduction/ Java Architecture and Program Structure	No tutorials	<a href="#">Read Chapter1 - Java for Everyone.</a>	Formative Test 1
2	29 <sup>th</sup> Jan	Data types and control structures	Introduction to java programming, read input and print output	Read Chapters 1 and 2 - Java for Everyone.	Formative Test 2
3	05 <sup>th</sup> Feb	Loops, Input Error handling and debugging	Data types and control structures	Read Chapters 1 and 2 - Java for Everyone. Work on your coursework.	Formative Test 3
4	12 <sup>th</sup> Feb	Arrays	Control structures and loops <b>Coursework released.</b>	Read Chapter 6 - Java for Everyone. Work on your coursework.	Formative Test 4
5	19 <sup>th</sup> Feb	Methods,functions, overloading,recursion	arrays and debugging.	Read Chapters 3, 4 and 5. Work on your coursework.	Formative Test 5
6	26 <sup>th</sup> Feb	Self guided video Tutorial-File Handling (No new Lects)	Complete File Handling self guided tutorial		Formative Test 6
7	04 <sup>th</sup> March	Classes and Objects	Methods and functions, overloading and recursion.	Read Chapter 8 - Java for Everyone. Work on your coursework.	Formative Test 7
8	11 <sup>th</sup> March	Sorting algorithms	Classes and objects.	Read Chapter 6 - Java for Everyone. Work on your coursework.	Formative Test 8
9	18 <sup>th</sup> March	Queues and stacks	Sorting algorithms. <b>Coursework deadline: Monday 18th March at 1pm.</b>	<b>Read Chapter 13 - Big Java.</b>	Formative Test 9

10	25 <sup>th</sup> March	Big O notation / Programming methodologies	Queues and stacks.	Read Chapter 8 - Java for Everyone.	Formative Test 10
11	01 <sup>st</sup> April	Revision		Coursework Demonstrations starting	Coursework demos Mock-up test
12	TBA	Lecture: No lecture this week		Review material from week 1 to 10 to prepare for the In-class test this week.	

## Assessment Dates

Component	Weight	Date Set	Due In
Coursework	50%	12th Feb 2024	18th March 2024
ICT	50%		