

Lesson number	Class 1	Unit	Lesson name
1	Mon 17 Aug	Unit 4	Intro
2	Tue 18 Aug	Unit 4	Repl.it, hello world, syntax overview, reading error messages
3	Fri 21 Aug	Unit 4	Datatypes, variables, constants, assignment
4	Mon 24 Aug	Unit 6 Resource mgt	
5	Tue 25 Aug	Unit 6 Resource mgt	
6	Tue 25 Aug	Unit 4	Arithmetic operations, operator precedence
7	Thu 27 Aug	Unit 4	2/2
8	Mon 31 Aug	Unit 4	Strings, user input, string operations
9	Tue 01 Sep	Unit 4	2/2
10	Fri 04 Sep	Unit 4	Casting
11	Mon 07 Sep	Unit 6 Resource mgt	
12	Tue 08 Sep	Unit 6 Resource mgt	
13	Tue 08 Sep	Unit 4	Booleans, truthfulness
14	Thu 10 Sep	Unit 4	If, else, if else
15	Mon 14 Sep	Unit 4	2/2
16	Tue 15 Sep	Unit 4	While, for
17	Fri 18 Sep	Unit 4	2/2
18	Mon 21 Sep	Unit 6 Resource mgt	
19	Tue 22 Sep	Unit 6 Resource mgt	
20	Tue 22 Sep	Unit 4	Functions
21	Thu 24 Sep	Unit 4	2/3
22	Mon 28 Sep	Unit 4	3/3
23	Tue 29 Sep	Unit 4	Arrays, array operations, looping arrays
24	Tue 06 Oct	Unit 7 Control sys	
25	Tue 06 Oct	Unit 4	2/3
26	Thu 08 Oct	Unit 4	3/3
27	Mon 12 Oct	Unit 4	Exception handling
28	Tue 13 Oct	Unit 4	2/3
29	Fri 16 Oct	Unit 4	3/3
30	Tue 27 Oct	Unit 7 Control sys	
31	Tue 27 Oct	Unit 4	Thinking procedurally, logically, concurrently, ahead, abstractly
32	Thu 29 Oct	Unit 4	Program design (pseudo code, flow charts, trace tables)
33	Mon 02 Nov	Unit 4	2/6
34	Tue 03 Nov	Unit 4	3/6
35	Fri 06 Nov	Unit 4	4/6
36	Mon 09 Nov	Unit 7 Control sys	
37	Tue 10 Nov	Unit 7 Control sys	
38	Tue 10 Nov	Unit 4	5/6
39	Thu 12 Nov	Unit 4	6/6
40	Mon 23 Nov	Unit 4	Standard algorithms (sequential, binary, bubble, selection)
41	Tue 24 Nov	Unit 4	2/4

42	Fri 27 Nov	Unit 4	3/4
43	Mon 30 Nov	Unit 7 Control sys	
44	Tue 01 Dec	Unit 7 Control sys	
45	Tue 01 Dec	Unit 4	4/4
46	Thu 03 Dec	Unit 4	Algorithm efficiency & big-o
47	Mon 07 Dec	Unit 4	2/3
48	Tue 08 Dec	Unit 4	3/3
49	Fri 11 Dec	Unit 4	Nature of programming languages (high/low)
50	Mon 04 Jan	Unit 5/D4 ADS	2D arrays
51	Tue 05 Jan	Unit 5/D4 ADS	2D arrays
52	Tue 05 Jan	Unit D	What is oop. Objects and classes as an abstraction
53	Thu 07 Jan	Unit D	Encapsulation, Inheritance, Polymorphism
54	Mon 11 Jan	Unit D	Polymorphism (overloading and overriding)
55	Tue 12 Jan	Unit D	Class relationships & hierarchy (UML)
56	Fri 15 Jan	Unit D	
57	Mon 18 Jan	Unit 5/D4 ADS	2D arrays
58	Tue 19 Jan	Unit 5/D4 ADS	2D arrays
59	Tue 19 Jan	Unit D	Creating objects in Java
60	Thu 21 Jan	Unit D	Creating classes in Java
61	Mon 25 Jan	Unit D	Encapsulation in Java (access modifiers)
62	Tue 26 Jan	Unit D	
63	Fri 29 Jan	Unit D	Inheritance in Java (super)
64	Mon 01 Feb	Unit 5/D4 ADS	Recursion
65	Tue 02 Feb	Unit 5/D4 ADS	Recursion
66	Tue 02 Feb	Unit D	
67	Thu 04 Feb	Unit D	Polymorphism in Java
68	Mon 08 Feb	Unit D	
69	Tue 09 Feb	Unit D	Dependency in Java
70	Mon 22 Feb	Unit 5/D4 ADS	Linked lists
71	Tue 23 Feb	Unit 5/D4 ADS	Linked lists
72	Tue 23 Feb	Unit D	Aggregation in Java
73	Thu 25 Feb	Unit D	Assocation in Java
74	Mon 01 Mar	Unit D	
75	Tue 02 Mar	Unit D	Serialisation, Practice exercises for OOP in Java
76	Fri 05 Mar	Unit D	2/7
77	Mon 08 Mar	Unit 5/D4 ADS	Linked lists
78	Tue 09 Mar	Unit 5/D4 ADS	Linked lists
79	Tue 09 Mar	Unit D	3/7
80	Thu 11 Mar	Unit D	4/7
81	Mon 15 Mar	Unit D	5/7
82	Tue 16 Mar	Unit D	6/7
83	Fri 19 Mar	Unit D	7/7

84	Mon 22 Mar	Unit 5/D4 ADS	Stacks & queues
85	Tue 23 Mar	Unit 5/D4 ADS	Stacks & queues
86	Tue 23 Mar	Unit 1	SDLC and requirements analysis
87	Thu 25 Mar	Unit 1	Data flow diagrams
88	Mon 12 Apr	Unit 1	Data flow diagrams
89	Tue 13 Apr	Unit 1	System flow diagrams
90	Fri 16 Apr	Unit 1	System flow diagrams
91	Mon 19 Apr	Unit 5/D4 ADS	Binary trees
92	Tue 20 Apr	Unit 5/D4 ADS	Binary trees
93	Tue 20 Apr	Unit 1	Other diagrams (gantt, structure)
94	Thu 22 Apr	Unit 1	Prototyping
95	Mon 26 Apr	Unit 1	Prototyping
96	Tue 27 Apr	Unit 1	Implementation (tech stack)
97	Fri 30 Apr	Unit 1	Implementation (parallel, phased, direct etc)
98	Mon 03 May	Unit 5/D4 ADS	Binary trees
99	Tue 04 May	Unit 5/D4 ADS	Binary trees
100	Tue 04 May	Unit 1	Testing & backups
101	Thu 06 May	Unit 1	Review
102	Mon 10 May	Unit 1	Test
103	Tue 11 May	Unit 1	(buffer)
104	Fri 14 May	Unit 1	(buffer)
105	Mon 17 May	Unit 5/D4 ADS	Past paper questions
106	Tue 18 May	Unit 5/D4 ADS	Past paper questions
107	Tue 18 May	(exams)	
108	Thu 20 May	(exams)	
109	Mon 24 May	(exams)	
110	Tue 25 May	(exams)	
111	Fri 28 May	(exams)	
112	Mon 31 May	(exams)	
113	Tue 01 Jun	(exams)	
114	Tue 01 Jun	(exams)	
115	Thu 03 Jun	(exams)	
116	Mon 07 Jun	(exams)	
117	Tue 08 Jun	(exams)	
118	Fri 11 Jun	(exams)	
119	Tue 15 Jun	(lost)	Group 4, TOK, Higher Ed days etc
120	Tue 15 Jun	(lost)	Group 4, TOK, Higher Ed days etc
121	Thu 17 Jun	(lost)	Group 4, TOK, Higher Ed days etc
122	Mon 21 Jun	(lost)	Group 4, TOK, Higher Ed days etc
123	Tue 22 Jun	(lost)	Group 4, TOK, Higher Ed days etc