

A starting allocation over 56 teaching weeks, weighted by the lessons the teaching plan gives each topic, and beyond the plan by each topic’s syllabus statements and past-paper marks on the same scale — adjust to your own calendar. The last column lists the Library material that already covers the topic. 这是按教学计划中各主题的课时 (计划未覆盖的主题按大纲条目与真题分值折算) 分配的起始教学计划, 可按实际校历调整; 最后一栏列出资料库中已有的配套材料。

Weeks	Topic	Subtopics	Library material
1–3	1. Information representation 信息表示	1.1, 1.2, 1.3	Handout · 6 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 6 past-paper sheets · Unit test
4–6	2. Communication 通信	2.1	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test
7–9	3. Hardware 硬件	3.1, 3.2	Handout · 6 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 2 exercise sheets · 2 past-paper sheets · Unit test
10–12	4. Processor Fundamentals 处理器基础	4.1, 4.2, 4.3	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
13–14	5. System Software 系统软件	5.1, 5.2	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
15–16	6. Security, privacy and data integrity 安全、隐私与数据完整性	6.1, 6.2	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
17–18	7. Ethics and Ownership 伦理与所有权	7.1	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test
19–21	8. Databases 数据库	8.1, 8.2, 8.3	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
22–25	9. Algorithm Design and Problem-solving 算法设计与问题求解	9.1, 9.2	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
26–29	10. Data Types and Structures 数据类型与数据结构	10.1, 10.2, 10.3, 10.4	Handout · 5 Learn lessons · Slide deck · Vocabulary list · 4 exercise sheets · 4 past-paper sheets · Unit test

Weeks	Topic	Subtopics	Library material
30–35	11. Programming 程序设计	11.1, 11.2, 11.3	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
36–38	12. Software Development 软件开发	12.1, 12.2, 12.3	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
39–41	13. Data Representation 数据表示	13.1, 13.2, 13.3	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
42–43	14. Communication and internet technologies 通信与互联网技术	14.1, 14.2	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
44–46	15. Hardware and Virtual Machines 硬件与虚拟机	15.1, 15.2	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
47–49	16. System Software 系统软件	16.1, 16.2	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
50	17. Security 安全	17.1	Handout · 2 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test
51–52	18. Artificial Intelligence (AI) 人工智能 (AI)	18.1	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test
53–54	19. Computational thinking and Problem-solving 计算思维与问题求解	19.1, 19.2	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test
55–56	20. Further Programming 进阶程序设计	20.1, 20.2	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 2 exercise sheets · 2 past-paper sheets · Unit test