

澳門科技大學
 Macau University of Science and Technology
 創新工程學院 Faculty of Innovation Engineering
 2022/2023 學年第二學期教科書書單 2022/2023 Semester 2 TextBook List

更新日期：2022年12月1日
 Last Updated：2022.12.1

計算機科學與工程學院 School of Computer Science and Engineering

序號 Seq.	科目編號 Course Code	科目名稱 Course Title	年級 Grade	班級 Class	必修/選修 Core/Elective	書本類別 Book Type (CB/RB)	書本形式 Book Form	備註 Remark	書號 ISBN	書名 Title	作者或譯者 Author	出版社 Publisher	出版年份 Publish Year	版本 Edition
1	CS120	離散數學 Discrete Mathematics	1	D1/D2	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781260091991	Discrete mathematics and its applications	Kenneth H. Rosen	Mc Graw Hill	2018	8
	CS120	離散數學 Discrete Mathematics	1	D1/D2	必修 Core	教科書 CB	電子書 Ebook		9781260289701	Discrete mathematics and its applications	Kenneth H. Rosen	Mc Graw Hill	2018	8
2	CS111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9780321776402	C++ Primer Plus	Stephen Prata	Pearson	2012	6
	CS111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	教科書 CB	電子書 Ebook		9780132781176	C++ Primer Plus	Stephen Prata	Pearson	2012	6
3	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292221724	Java Software Solutions: Foundations of Program Design	John Lewis and William Loftus	Pearson	2017	9
	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	教科書 CB	電子書 Ebook		9781292221748	Java Software Solutions: Foundations of Program Design	John Lewis and William Loftus	Pearson	2017	9
4	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9780135166307	Core Java Volume I--Fundamentals (Core Series)	Cay S. Horstmann	Pearson	2018	11
	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	參考書 RB	電子書 Ebook		9780135167182	Core Java Volume I--Fundamentals (Core Series)	Cay S. Horstmann	Pearson	2018	11
5	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292222035	Introduction to Java Programming: Brief Version	Y. Daniel Liang	Pearson	2018	11
	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	參考書 RB	電子書 Ebook		9781292222059	Introduction to Java Programming: Brief Version	Y. Daniel Liang	Pearson	2018	11
6	SE111	面向對象程序設計 OBJECT-ORIENTED PROGRAMMING	1	D1	必修 Core	參考書 RB	紙本書 Print book		9780134685991	Effective Java	Joshua Bloch	Addison-Wesley Professional	2017	3
7	MATH101	微積分 I (重修班) CALCULUS I (Retake)	1	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292253220	Thomas' Calculus	George B. Thomas	Pearson	2017	14
	MATH101	微積分 I (重修班) CALCULUS I (Retake)	1	D1	必修 Core	教科書 CB	電子書 Ebook		9781292253299	Thomas' Calculus	George B. Thomas	Pearson	2017	14
8	CS112	Web技術 WEB TECHNOLOGIES	2	D1/D2	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292024318	Programming the World Wide Web, 6/E	Robert W. Sebesta	Addison-Wesley	2013	7
	CS112	Web技術 WEB TECHNOLOGIES	2	D1/D2	必修 Core	參考書 RB	電子書 Ebook		9781292037219	Programming the World Wide Web, 6/E	Robert W. Sebesta	Addison-Wesley	2013	7
9	SE112	Web技術 WEB TECHNOLOGIES	2	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292024318	Programming the World Wide Web, 6/E	Robert W. Sebesta	Addison-Wesley	2013	7
	SE112	Web技術 WEB TECHNOLOGIES	2	D1	必修 Core	參考書 RB	電子書 Ebook		9781292037219	Programming the World Wide Web, 6/E	Robert W. Sebesta	Addison-Wesley	2013	7
10	MATH103	微積分III (重修班) CACULUS III (Retake)	2	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292253220	Thomas' Calculus	George B. Thomas	Pearson	2017	14
	MATH103	微積分III (重修班) CACULUS III (Retake)	2	D1	必修 Core	教科書 CB	電子書 Ebook		9781292253299	Thomas' Calculus	George B. Thomas	Pearson	2017	14
11	CS220	算法設計與分析 DESIGN AND ANALYSIS OF ALGORITHMS	2	D1/D2	必修 Core	教科書 CB	紙本書 Print book		9780262046305	Introduction to Algorithms	Thomas H. Cormen	The MIT Press	2022	4
12	CS220	算法設計與分析 DESIGN AND ANALYSIS OF ALGORITHMS	2	D1/D2	必修 Core	參考書 RB	紙本書 Print book		9780262045780	Introduction to Computation and Programming Using Python	John V. Guttag	The MIT Press	2021	3
13	SE220	算法設計與分析 DESIGN AND ANALYSIS OF ALGORITHMS	2	D1	必修 Core	教科書 CB	紙本書 Print book		9780262046305	Introduction to Algorithms	Thomas H. Cormen	The MIT Press	2022	4
14	SE220	算法設計與分析 DESIGN AND ANALYSIS OF ALGORITHMS	2	D1	必修 Core	參考書 RB	紙本書 Print book		9780262045780	Introduction to Computation and Programming Using Python	John V. Guttag	The MIT Press	2021	3
15	CS240	數據庫系統 DATABASE SYSTEMS	2	D1/D2	必修 Core	教科書 CB	紙本書 Print book		9780071231510	Database Management Systems	Raghu Ramakrishnan	McGraw-Hill	2003	3
16	MATH102	微積分 II CALCULUS II	2	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292253220	Thomas' Calculus	George B. Thomas	Pearson	2017	14
	MATH102	微積分 II CALCULUS II	2	D1	必修 Core	教科書 CB	電子書 Ebook		9781292253299	Thomas' Calculus	George B. Thomas	Pearson	2017	14
17	EIE240	電路分析 ELECTRIC CIRCUIT ANALYSIS	2	D1	必修 Core	教科書 CB	電子書 Ebook		9781260590012	FUNDAMENTALS OF ELECTRIC CIRCUITS 6E	Charles Alexander and Matthew Sadiku	McGraw-Hill	2021	7
18	MATH104	概率與統計 PROBABILITY AND STATISTICS	2	D1/D2/D 3	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9780357114469	introduction to probability and statistics	Mendenhall	brooks/cole	2020	15
	MATH104	概率與統計 PROBABILITY AND STATISTICS	2	D1/D2/D 3	必修 Core	參考書 RB	電子書 Ebook		9788000028743	introduction to probability and statistics	Mendenhall	brooks/cole	2020	15
19	MATH104	概率與統計 PROBABILITY AND STATISTICS	2	D1/D2/D 3	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781111827045	Probability and Statistics for Engineers and Scientists	Anthony Hayter	Cengage Technology Edition	2013	4
	MATH104	概率與統計 PROBABILITY AND STATISTICS	2	D1/D2/D 3	必修 Core	教科書 CB	電子書 Ebook		9788000043302	Probability and Statistics for Engineers and Scientists	Anthony Hayter	Cengage Technology Edition	2013	4
20	PHYS102	物理 II PHYSICS II	2	D1	必修 Core	教科書 CB	紙本書 Print book		9781119454014	Halliday and Resnick's Principles of Physics Global Edition	David Halliday, Robert Resnick, Jearl Walker	Wiley	2020	11
21	CN105	Web技術概論 INTRODUCTION TO WEB TECHNOLOGY	3	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292024318	Programming the World Wide Web, 6/E	Robert W. Sebesta	Addison-Wesley	2013	7
	CN105	Web技術概論 INTRODUCTION TO WEB TECHNOLOGY	3	D1	必修 Core	參考書 RB	電子書 Ebook		9781292037219	Programming the World Wide Web, 6/E	Robert W. Sebesta	Addison-Wesley	2013	7

22	CS252	軟件項目管理 SOFTWARE PROJECT MANAGEMENT	3	D1/D2	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9789814844017	Information Technology Project Management	Kathy Schwalbe	Cengage Learning	2018	9
	CS252	軟件項目管理 SOFTWARE PROJECT MANAGEMENT	3	D1/D2	必修 Core	教科書 CB	電子書 Ebook		9781337363099	Information Technology Project Management	Kathy Schwalbe	Cengage Learning	2018	9
23	CS252	軟件項目管理 SOFTWARE PROJECT MANAGEMENT	3	D1/D2	必修 Core	參考書 RB	紙本書 Print book		9781628256642	A Guide to the Project Management Body of Knowledge (PMBOK® Guide)	Project Management Institute	Project Management Institute	2021	7
24	CS252	軟件項目管理 SOFTWARE PROJECT MANAGEMENT	3	D1/D2	必修 Core	參考書 RB	紙本書 Print book		9781466559530	Introduction to Software Project Management	Adolfo Villafiorita	Auerbach Publications	2014	1
25	SE350	軟件規範中的形式化方法 FORMAL METHODS IN SOFTWARE SPECIFICATION	3	D1	必修 Core	教科書 CB	紙本書 Print book		9781498775328	Formal Methods in Computer Science	Jiacun Wang, William Tepfenhart	Chapman and Hall/CRC	2019	1
26	EIE352	通訊網絡 COMMUNICATION NETWORKS	3	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292405469	Computer Networking: A Top-Down Approach: International Edition	James F. Kurose, Keith W. Ross	Addison Wesley	2021	8
	EIE352	通訊網絡 COMMUNICATION NETWORKS	3	D1	必修 Core	參考書 RB	電子書 Ebook		9781292405506	Computer Networking: A Top-Down Approach: International Edition	James F. Kurose, Keith W. Ross	Addison Wesley	2021	8
27	EIE352	通訊網絡 COMMUNICATION NETWORKS	3	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292374062	Computer Networks (PNIE)	Andrew S. Tanenbaum, David J. Wetherall	Prentice Hall	2021	6
	EIE352	通訊網絡 COMMUNICATION NETWORKS	3	D1	必修 Core	參考書 RB	電子書 Ebook		9781292374017	Computer Networks (PNIE)	Andrew S. Tanenbaum, David J. Wetherall	Prentice Hall	2021	6
28	CS372	計算機網絡 II COMPUTER NETWORKS II	3	D1/D2	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781292374062	Computer Networks, Global Edition, 6/e	Andrew S. Tanenbaum, David J. Wetherall	Prentice Hall	2021	6
	CS372	計算機網絡 II COMPUTER NETWORKS II	3	D1/D2	必修 Core	參考書 RB	電子書 Ebook		9781292374017	Computer Networks, Global Edition, 6/e	Andrew S. Tanenbaum, David J. Wetherall	Prentice Hall	2021	6
29	CS373	計算機網絡實驗 II COMPUTER NETWORKS LABORATORY II	3	D1/D2	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781587133282	Scaling Networks Companion Guide	N/A	Cisco Press	2014	1
	CS373	計算機網絡實驗 II COMPUTER NETWORKS LABORATORY II	3	D1/D2	必修 Core	參考書 RB	電子書 Ebook		9780133476385	Scaling Networks Companion Guide	N/A	Cisco Press	2014	1
30	CS373	計算機網絡實驗 II COMPUTER NETWORKS LABORATORY II	3	D1/D2	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781587134326	Connecting Networks Companion Guide	N/A	Cisco Press	2018	1
	CS373	計算機網絡實驗 II COMPUTER NETWORKS LABORATORY II	3	D1/D2	必修 Core	參考書 RB	電子書 Ebook		9780134760728	Connecting Networks Companion Guide	N/A	Cisco Press	2018	1
31	EIE191	工程管理 ENGINEERING MANAGEMENT	3	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9780273793229	Managing Engineering and Technology	Lucy C. Morse, William L. Schell, Daniel L. Babcock	Pearson	2014	6
	EIE191	工程管理 ENGINEERING MANAGEMENT	3	D1	必修 Core	參考書 RB	電子書 Ebook		9780273793953	Managing Engineering and Technology	Lucy C. Morse, William L. Schell, Daniel L. Babcock	Pearson	2014	6
32	CS360	人工智能 ARTIFICIAL INTELLIGENCE	3	D1/D2	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781408225745	Artificial Intelligence : A Guide to Intelligent Systems	Michael Negnevinsky	Addison Wesley	2011	3
	CS360	人工智能 ARTIFICIAL INTELLIGENCE	3	D1/D2	必修 Core	參考書 RB	電子書 Ebook		9781408225752	Artificial Intelligence : A Guide to Intelligent Systems	Michael Negnevinsky	Addison Wesley	2011	3
33	SE360	人工智能 ARTIFICIAL INTELLIGENCE	3	D1	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781408225745	Artificial Intelligence : A Guide to Intelligent Systems	Michael Negnevinsky	Addison Wesley	2011	3
	SE360	人工智能 ARTIFICIAL INTELLIGENCE	3	D1	必修 Core	參考書 RB	電子書 Ebook		9781408225752	Artificial Intelligence : A Guide to Intelligent Systems	Michael Negnevinsky	Addison Wesley	2011	3
34	SE252	軟件項目管理 Software Project Management	3	D1	必修 Core	參考書 RB	紙本書 Print book		9780818680007	Software Engineering Project Management	Edward Yourdon	Wiley	2000	2
35	SE480	軟件工程專題 Topics in Software Engineering	3	D1	選修 Elective	參考書 RB	電子書 Ebook		9780077126100	Object-Oriented Software Engineering	Timothy C. Lethbridge and Robert Laganrière	McGraw Hill	2001	2
36	EIE321	數字信號處理實驗 DIGITAL SIGNAL PROCESSING LABORATORY	3	D1	必修 Core	教科書 CB	電子書 Ebook		9781260538342	Signals and System:Analysis Using Transform Methods and MATLAB	Roberts	McGraw-Hill Higher Education	2010	3
37	EIE321	數字信號處理實驗 DIGITAL SIGNAL PROCESSING LABORATORY	3	D1	必修 Core	參考書 RB	紙本書 Print book		9781292025902	Signals and System	Oppenheim, A.V. and Willsky,A.S.	Prentice Hall	N/A	2
38	CS105	人工智能基礎 FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	4	D1/D2	必修 Core	參考書 RB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781408225745	Artificial Intelligence : A Guide to Intelligent Systems	Michael Negnevinsky	Addison Wesley	2011	3
	CS105	人工智能基礎 FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	4	D1/D2	必修 Core	參考書 RB	電子書 Ebook		9781408225752	Artificial Intelligence : A Guide to Intelligent Systems	Michael Negnevinsky	Addison Wesley	2011	3
39	MA004	概率與統計 PROBABILITY AND STATISTICS	4	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781111827045	Probability and Statistics for Engineers and Scientists	Anthony Hayter	Cengage Technology Edition	2013	4
	MA004	概率與統計 PROBABILITY AND STATISTICS	4	D1	必修 Core	教科書 CB	電子書 Ebook		9788000043302	Probability and Statistics for Engineers and Scientists	Anthony Hayter	Cengage Technology Edition	2013	4
40	SP103	數字信號處理實驗 DIGITAL SIGNAL PROCESSING EXPERIMENTS	4	D1	必修 Core	教科書 CB	電子書 Ebook		9781260538342	Signals and System:Analysis Using Transform Methods and MATLAB	Roberts	McGraw-Hill Higher Education	2010	3
41	MA006	離散數學 Discrete Mathematics	5	D1	必修 Core	教科書 CB	紙本書 Print book	二選一，不須同時購買。 Choose ONE, NO NEED to buy ALL.	9781260091991	Discrete mathematics and its applications	Kenneth H. Rosen	Mc Graw Hill	2018	8
	MA006	離散數學 Discrete Mathematics	5	D1	必修 Core	教科書 CB	電子書 Ebook		9781260289701	Discrete mathematics and its applications	Kenneth H. Rosen	Mc Graw Hill	2018	8

*以上資料或有修改，按最新版本為準。

*The above textbook list may subject to change, please refer to the latest update.