

2024/2025學年第一學期書單

Booklist for 1st Semester of Academic Year 2024/2025

學院 Faculty : 應用科學學院 Faculty of Applied Sciences

課程 Programme : 人工智能學士學位課程 Bachelor of Science in Artificial Intelligence

年級 Year	學科單元 Learning Module	班別編號 Class Code	教師 Instructor	課本 (* = 參考書) Text Book (* = Reference Book)	版本 Edition	出版社 Publisher	作者 Author	備註 / ISBN Remark / ISBN
1	Introduction to Computer Science and its Application	COMP1121	Liam Lei	Discovering Computers: Digital Technology, Data, and Devices	17e / 2022	Cengage Learning	Misty E. Vermaat, Susan L. Sebok, Steven M. Freund, Jennifer T. Campbell and Mark Frydenberg	9789815097313 '9788000040172 (eBook)
	Introduction to Programming	COMP1122	Chester Wong	Introduction to Computation and Programming Using Python	3e / 2021	MIT Press	John V. Guttag	9780262542364 (Paperback) 9780262363433 (eBook)
	Linear Algebra	MATH1111	Charles Lam	Introduction to Linear Algebra	6e / 2023	MIT Press	Gilbert Strang	9781733146678
	Calculus	MATH1112	FCA Instructor	Thomas' Calculus	14e / 2017	Pearson	George B. Thomas	9780134438986
	Constitution and Basic Law	LLAW1110	Yolanda Leong	* Explaining the Macao Basic Law	2020	"One Country, Two Systems" Research Centre of MPU	Li, L. N. & Xu, C. (eds.)	9789996522291
				* Constitution	6e / 2018	Beijing: Renmin University of China Press	Xu, C. & Hu, J.	---
	English I	MENG1111	Daisy Jiang Janet Zhang Jovy Wong	Cutting Edge (Intermediate)	3e / 2013	Pearson Longman	Cunningham S., P. Moor, and J. Bygrave	9781447936879
				* Ready to Write	3e / 2010	Pearson Longman	Blanchard, K. and C. Root	9780131363304
				* Success with Reading 1	2019	Cosmos Culture	Gionis, T.	9786263000384

學院 Faculty：應用科學學院 Faculty of Applied Sciences

課程 Programme：人工智能學士學位課程 Bachelor of Science in Artificial Intelligence

年級 Year	學科單元 Learning Module	班別編號 Class Code	教師 Instructor	課本 (* = 參考書) Text Book (* = Reference Book)	版本 Edition	出版社 Publisher	作者 Author	備註 / ISBN Remark / ISBN
2	English III	MENG2111	Zachary Chui Jovy Wong Gavin Wu	Cutting Edge (Upper Intermediate)	3e / 2013	Pearson Longman	Cunningham S., P. Moor, and J. Bygrave	9781447936985
				* Interaction Reading One	2009	McGraw Hill Education	Kirn, E. & Hartmann, P.	9787546301815
				* Ready to Write	3e / 2010	Pearson Longman	Blanchard, K. & C. Root	9780131363304
	Introduction to Artificial Intelligence	CSAI2122	FCA Instructor	* Artificial Intelligence: A Modern Approach	4e / 2020 Global Edition	Pearson	Stuart Russell & Peter Norvig	9781292401133 9781292410074 (eBook)
	Probability and Statistics	CSAI2121	Edmund Yung	Elementary Statistics: Picturing the World	Global Edition	Pearson	Larson, R. & Farber, M.	9781292260464 9781292260556 (eBook)
	Data Structures and Algorithms	COMP2113	Dennis Wong	Data Structures and Algorithms in Python	2013	Wiley	Michael T. Goodrich, Roberto Tamassia, Michael H. Goldwasser	9781118290279
				* Introduction to Algorithms	3e / 2009	MIT Press	Thomas H. Cormen., Charles E. Leiserson, Ronald L. Rivest, Clifford Stein	9780262033848
	Operating Systems	COMP2113	FCA Instructor	Operating Systems: Internals and Design Principles	9e / 2017	Prentice Hall	William Stallings	9781292214306 (eBook)
				* Operating System Concepts	2018 Global Edition	John Wiley & Sons	Abraham Silberschatz, Peter Baer Galvin and Greg Gagne	9781119455868
				* Hands-on System Programming with Linux	2018	Packt Publishing	Kaiwan N Billimoria	9781788998475
Database Design	COMP2111	Calana Chan	DATABASE SYSTEMS: A Practical Approach to Design, Implementation and Management	6e / 2015	Pearson	Connolly, Begg	9781292061849 (eBook)	