

2025/2026學年第二學期書單

Booklist for 2nd Semester of Academic Year 2025/2026

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

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

年級 Year	學科單元 Learning Module	班別編號 Class Code	教師 Instructor	書名 (* = 參考書) Book Title (* = Reference Book)	版本 Edition	出版社 Publisher	作者 Author	備註 / ISBN Remark / ISBN
2	Introduction to Artificial Intelligence	CSAI2122	Zhang Jie	Artificial Intelligence - A Modern Approach	4e / 2022	Prentice Hall	S. Russell	9781292410074 (EBOOK)
				Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow: Concepts, Tools, and Techniques to Build Intelligent	3e / 2022	O'Reilly Media	Aurélien Géron	9781098125974
3	Computer Networks	CSAI3125	Yang Xu	Data and Computer Communications	10e / 2014	Pearson Education Limited	William Stallings	9781292014388 9781292014395 (EBOOK)
				Computer Networking – A Top-down Approach,	8e / 2021	Addison Wesley	Kurose, J. F. and Ross, K. W.	9781292405469 9781292405506 (EBOOK)
	Neural Networks and Deep Learning	CSAI3123	TBA	No textbook needed				
	A.I. Driven Drug Discovery and Development	CSAI0116	Shu Li	No textbook needed				
	Advanced Topics in A.I. I - Medical Image Intelligence	CSAI0117	Dengqiang Jia	1. The Essential Physics of Medical Imaging	4e / 2020	Lippincott Williams & Wilkins	Jerrold T. Bushberg	9781975103224
2. Medical Image Analysis				1e / 2023	Academic Press	Alejandro Frangi	9780128136577	