

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

課程 Programme : 電腦學士學位課程 / 電腦學理學士學位課程 Bachelor of Science in Computing

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	Computer Organization	COMP1123	Liam Lei Erli Lyu	Computer Organization and Architecture: Designing for Performance	11e / 2021	Pearson	William Stallings	9781292420080
	English II	MENG1112	Daisy Jiang Oscar Ho 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
	Discrete Mathematics	MATH1113	Charles Lam	Discrete Mathematical Structures	6e / 2013	Prentice Hall	Kolman, B., Busby, R. C., & Ross, S. C.	9781292037509 (EBOOK)
	Advanced Programming	COMP1124	Chester Wong	Introduction to Java Programming and Data Structures, Comprehensive Version	12e / 2021	Pearson	Liang, Y. Daniel	9781292402130 EBOOK
				* Effective Java	3e / 2018	Addison-Wesley	Joshua Bloch	9780134686042 EBOOK
	Introduction to E-Business	COMP1125	Stanley Kan	Understanding Business	13e / 2022	McGraw Hill	William Nickels, James McHugh	978126436251 EBOOK
Electronic Commerce				12e / 2017	Cengage Learning	Schneider, Gary	978800008639 EBOOK	
2	Internet Programming I	COMP222	Calana Chan	* Django 4 by Example	4e / 2022	Packet Publishing	Antonio Melé	9781801813051
	Network and System Administration	COMP225	Liam Lei	UNIX and Linux System Administration Handbook	6e / 2017	Addison-Wesley Professional	E Nemeth, G Snyder, T R Hein, B Whaley	9780134278292 (EBOOK)
	English IV	MENG221	Zachary Chui Constance Ho Mary Cheung	New Cutting Edge Upper Intermediate	3e / 2013	Peason	Cunningham, S., Moor, P & Bygrave, J.	9781447936985
				* Business Writing for Hong Kong	4e / 2015	Longman	Bilbow, G	9789882330252
	Object Oriented Technologies	COMP221	Erli Lyu	The Object-Oriented Thought Process	5e / 2019	Addison Wesley	Matt Weisfeld	9780135182147 EBOOK
	Software Engineering	COMP223	Amang Kim	Software Engineering	10e / 2016	Addison Wesley	Ian Sommerville	9781292096148 (EBOOK)
Database Management Systems	COMP224	Wilson Ho	DATABASE SYSTEMS: A Practical Approach to Design, Implementation and Management	6e / 2015	Addison Wesley	Connolly, Begg	9781292061849 (EBOOK)	

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3	Introduction to Sociology	MSEL103	Mary Cheung	Sociology: A Brief Introduction	14e / 2021	McGraw-Hill	Schaefer, Richard T.	9781260598124	
	Introduction to Psychology	MSEL102	Constance Ho	Understanding Psychology	15e / 2021	McGraw-Hill	Robert S Feldman	9781260590739 EBOOK	
	Accounting	MSEL110	Jovy Wong	Financial Accounting	11e / 2018	Prentice Hall	Harrison, Jr., W., Horngren, C., & Thomas, C.	9781292211213 (EBOOK)	
	Special Topics I (PE)	MSEL111	FCS Instructors	No textbook needed					
	Information System Implementation	COMP321	Andrew Siu Calana Chan Philip Lei	Systems Analysis and Design	Global Edition	Prentice Hall	Kendall & Kendall	9781292281476 EBOOK	
				Software Engineering	10e / 2015	Addison Wesley	Ian Sommerville	9781292096148 (EBOOK)	
				DATABASE SYSTEMS: A Practical Approach to Design, Implementation and Management	6e / 2015	Pearson	Connolly, Begg	9781292061849 (EBOOK)	
	Introduction to E-Business	COMP322	Jacob Chan	E-Business	12e / 2017	South-Western College Publishing	Schneider, Gary	978800008639 EBOOK	
	English VI	MENG321	Zachury Chui Zhang Shuhan, Gavin Wu	New Cutting Edge Upper Intermediate	3e / 2013	Peason	Cunningham, S., Moor, P & Bygrave, J.	9781447936985	
	Data Warehousing and Data Mining	COMP323	Patrick Pang	Data Warehouse Design: Modern Principles and Methodologies	2009	McGraw-Hill	I. M. Golfarelli, S. Rizzi	9780071610407 EBOOK	
				Introduction to Data Mining	Global Edition	Pearson	P.N. Tan, M. Steinback, V. Kumar	9780273775324 EBOOK	
	Gaming Technology I	COMP324	Jacky Tang	* Casino Gaming Technology	2011	Prentice Hall	Jan Bokunewicz, Donald Keisel, Maria McNichols	9780135046043	
				* Casino Operations Management	2e / 2005	John Wiley & Sons	Kilby, Jim Fox, Anthony F.Lucas	9780471266327	
* Casino Accounting and Financial Management				2e / 2008	University of Nevada Press	E. Malcolm Greenlees	9780874177671		

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3	Statistics II	MATH321	Edmund Yung	Elementary Statistics: Picturing the World	7e / 2018	Pearson	Larson, R. & Farber, B.	9781292260556 EBOOK
	Mathematics for Gaming Technology	MATH322	Edmund Yung	Basic Gambling Mathematics: The Numbers Behind the Neon	2e / 2024	Chapman and Hall / CRC	Mark Bollman	9781032414607
	Educational Psychology and Counselling	EDUC321	Wei Wei	Psychology Applied to Teaching	14e / 2015	Cengage	Snowman, J. & McCown, R.	9781285734552
	Curriculum and Teaching Methods	EDUC322	Gavin Wu	* Guide to Teaching Computer Science: An Activity-Based Approach	3e / 2020	Springer	Hazzan, O., Lapidot, T. and Ragonis, N.	9783030393625
* A Practical Guide to Teaching Computing and ICT in the Secondary School				2e / 2014	Routledge	Connell, A. and Edwards, A.	9780415819466	
4	Artificial Intelligence	COMP421	Joy Sun	Artificial Intelligence - A Modern Approach	4e / 2022	Prentice Hall	S. Russell	9781292410074 EBOOK
	Ethics and Professional Issues in Computing	COMP422	Shirley Siu	Ethics for the Information Age	8e / 2020	Pearson	Michael J. Quinn	9780135218006 EBOOK
	Strategic Planning for Information Systems	COMP423	Amang Kim	Business Driven Information Systems	8e / 2023	McGraw Hill	Paige Baltzan, Amy Phillips	9781265070403 (Hardcopy)
	Computer Game Design and Development	COMP424	Andrew Siu	* Game Engine Architecture	3e / 2018	A K Peters/CRC Press	Jason Gregory	9781138035454
	Selected Topics I (Calculus)	COMP406	Liam Lei	Thomas' Calculus	14e / 2019	Pearson	Hass, J.R., Heil, C.E. & Weir, M.D.	9781292727936 EBOOK