

Chang Jung Christian University Department of Information Management Curriculum List

(Curriculum Guides,2022 Academic Year)

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obligatory / elective course	No.	course name(ch)	course name	grade	semester	credit	hours/week		Remark
							instruction	parctice	
common course-obligatory	PE00217	體育 I	Physical Education I	1	1	0	2	0	
	PE00218	體育 II	Physical Education II	1	2	0	2	0	
	PE00219	體育 III	Physical Education III	2	1	0	2	0	
	PE00220	體育 IV	Physical Education IV	2	2	0	2	0	
language course-obligatory	GE00561	國文	Chinese	1	2	2	2	0	
	LE00297	英文 I	Freshman English I	1	1	2	2	0	
	LE00298	英文 II	Freshman English II	1	2	2	2	0	
	LE00299	外語初級 I	Foreign Language (basic)I	2	1	2	2	0	
	LE00300	外語初級 II	Foreign Language (basic)II	2	2	2	2	0	
general course-obligatory	GE00206	音樂欣賞	Music Appreciation	1	1	2	2	0	
	GE00562	長榮精神	University and Holistic Pastoral Education	1	2	2	2	0	
	GE00567	通識課程		0	1	8	2	0	
	GE00656	體驗學習	Experience Learning	1	1	1	1	2	
dep. course-obligatory	ZA00004	計算機概論	Introduction to Computer	1	1	3	3	0	
	ZA00354	資訊暨設計體驗課程	Practice & Experience in Information and Design	1	1	2	2	0	
	ZA00355	基礎程式設計	Fundamental Programming	1	1	3	3	0	
	ZA00012	管理學	Management	1	1	3	3	0	
	ZA00279	程式設計	Computer Programming	1	2	3	3	0	
	ZA00120	靜態網頁設計	Static Web Programming	1	2	3	3	0	
	ZA00122	資料庫系統	Database Systems	2	1	3	3	0	
	ZA00034	資料結構	Data Structures	2	1	3	3	0	
	ZA00002	經濟學	Economics	2	1	2	2	0	
	ZA00328	管理數學	Mathematics for Management	2	2	3	3	0	
	ZA00453	統計學	Statistics	2	2	3	3	0	
	ZA00325	管理資訊系統	Management of Information System	2	2	3	3	0	
	ZA00139	系統分析與設計	System Analysis and Design	3	1	3	3	0	
	ZA00001	會計學	Accounting	3	1	2	2	0	
	ZA00388	統計應用	Application of Statistics	3	1	3	3	0	
dep. course-elctive	ZA00556	專題實作I	Project I	3	2	2	2	0	
	ZA00557	專題實作II	Project II	4	1	2	2	0	
	ZA00346	資訊暨設計學院微學分II	Microcredit Course in College of Information and Design II	0	1	1	1	0	

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dep. course-elective	ZA00347	資訊暨設計學院微學分 I	Microcredit Course in College of Information and Design I	0	1	1	1	0	
	ZA00578	跨領域微學分 I	Interdisciplinary Microcredit Course I	0	1	1	1	0	
	ZA00579	跨領域微學分 II	Interdisciplinary Microcredit Course II	0	1	1	1	0	
	ZA00580	跨領域微學分 III	Interdisciplinary Microcredit Course III	0	1	1	1	0	
	ZA00356	電腦繪圖技法	Computer Graphic Skill	1	1	3	3	0	
	ZA00448	基礎設計	Basic Design	1	1	2	2	0	
	ZA00180	設計素描	Design Drawing	1	1	3	3	0	
	ZA00118	網際網路概論	Introduction to Internet	1	1	3	3	0	
	ZA00262	電子商務	Electronic Commerce	1	1	3	3	0	
	ZA00218	設計美學	Design Aesthetics	1	1	2	2	0	
	ZA00166	色彩學	Chromatics	1	2	2	2	0	
	ZA00360	電腦繪圖設計	Computer Graphic Design	1	2	3	3	0	
	ZA00361	資訊科技實務	Practice in Information Technology	1	2	3	3	0	
	ZA00446	電子通用設計	Basic Electronic	1	2	2	2	0	
	ZA00170	基礎攝影學	Introduction to Photography	1	2	3	3	0	
	ZA00227	造形原理	Molding Theory	1	2	2	2	0	
	ZA00545	3D電腦繪圖A	3D Computer Graphics A	1	2	3	3	0	
	ZA00546	3D電腦繪圖B	3D Computer Graphics B	1	2	3	3	0	
	ZA00100	微積分	Calculus	1	2	3	3	0	
	ZA00335	機率學	Probability	2	1	3	3	0	
	ZA00165	資訊倫理	Information Ethics	2	1	2	2	0	
	ZA00038	物件導向程式設計	Object Oriented Programming	2	1	3	3	0	
	ZA00030	企業資源規劃	Enterprise Resources Planning	2	1	3	3	0	
	ZA00542	物聯網程式設計	IoT Programming	2	1	3	3	0	
	ZA00036	生產與作業規劃實務	Production and Operation Management	2	1	3	3	0	
	ZA00217	視覺化程式設計	Visual programming	2	1	3	3	0	
	ZA00025	專業英文	Professional English	2	1	2	2	0	
	ZA00114	物聯網概論	Basic Internet of Things	2	1	3	3	0	
	ZA00220	互動程式設計 I	Interactive Programming I	2	1	3	3	0	
	ZA00590	資料庫入門	Fundamentals of Database	2	1	2	2	0	
	ZA00125	網頁互動程式設計	Interactive Web Design and Implement	2	2	3	3	0	
	ZA00069	行動裝置程式設計	Programming for Mobile Devices	2	2	3	3	0	
	ZA00331	UNIX系統實務	UNIX Operating System Practice	2	2	3	3	0	

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dep. course-elective	ZA00332	網路作業系統實務	Network Operating System Practice	2	2	2	2	0	
	ZA00050	顧客關係管理	Customer Relationship Management	2	2	3	3	0	
	ZA00261	網站建置與實務	Website Construction and Practice	2	2	3	3	0	
	ZA00336	作業研究	Operations Research	2	2	3	3	0	
	ZA00337	非關聯式資料庫	NoSQL Databases	2	2	3	3	0	
	ZA00329	商業智慧概論	Introduction to Business Intelligence	2	2	3	3	0	
	ZA00143	資料庫應用	Database Applications	2	2	3	3	0	
	ZA00058	嵌入式系統	Embedded syetem	2	2	3	3	0	
	ZA00414	社群與網路應用	Community and Network Application	2	2	3	3	0	
	ZA00234	互動程式設計II	Interactive Programming II	2	2	3	3	0	
	ZA00591	資料視覺化	Data Visualization	2	2	2	2	0	
common course-elective	PE00343	體育V	Physical Education V	3	1	1	2	0	
dep. course-elective	ZA00091	專案管理	Project Management	3	1	3	3	0	
	ZA00046	作業系統	Operation System	3	1	3	3	0	
	ZA00200	多媒體系統	Multimedia Systems	3	1	3	3	0	
	ZA00266	資訊安全	Information Security	3	1	3	3	0	
	ZA00338	網路通訊	Network communication	3	1	3	3	0	
	ZA00108	演算法	Algorithm	3	1	3	3	0	
	ZA00066	離散數學	Discrete Mathematics	3	1	3	3	0	
	ZA00144	資訊檢索	Information Retrieval	3	1	3	3	0	
	ZA00339	資料倉儲	Data warehouse	3	1	3	3	0	
	ZA00126	動態網頁設計	Dynamic Web Page Design	3	1	3	3	0	
	ZA00133	進階行動裝置程式設計	Advance Mobile Device Programming	3	1	3	3	0	
	ZA00272	資料視覺化應用	Data Visualization	3	1	3	3	0	
	ZA00352	人工智慧實務	Artificial Intellegent with Practice	3	1	3	3	0	
	ZA00391	大數據資料分析	Big Data Analysis	3	1	3	3	0	
common course-elective	PE00344	體育VI	Physical Education VI	3	2	1	2	0	
dep. course-elective	ZA00072	企業流程實務	Business process Practices	3	2	3	3	0	
	ZA00073	網路行銷	Internet Marketing	3	2	3	3	0	
	ZA00147	數位學習	Digital Learning	3	2	3	3	0	

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dep. course-elective	ZA00269	網路安全	Network Security	3	2	3	3	0	
	ZA00142	軟體工程	Software Engineering	3	2	3	3	0	
	ZA00340	軟體測試	Software Testing	3	2	3	3	0	
	ZA00163	資料探勘	Data Mining	3	2	3	3	0	
	ZA00151	高等程式設計	Advanced Computer Programming	3	2	3	3	0	
	ZA00351	智慧物聯網專題製作	Smart IoT Project	3	2	3	3	0	
	ZA00484	動畫實作專題	Animation Practice Project	3	2	3	3	0	
	ZA00558	專題討論I	Project discussion I	3	2	1	1	0	
common course-elective	PE00225	體育VII	Physical Education VII	4	1	1	2	0	
dep. course-elective	ZA00343	供應鏈管理	Supply Chain Management	4	1	3	3	0	
	ZA00086	生產製造系統實務	Production and Manufacturing System Practice	4	1	3	3	0	
	ZA00268	雲端運算概念與實務	Concepts and Practices of Cloud Computing	4	1	3	3	0	
	ZA00177	人機介面	Human Computer Interface	4	1	3	3	0	
	ZA00344	決策分析	Decision Analysis	4	1	3	3	0	
	ZA00156	進階專案實作	Advance Graduation Project	4	1	3	3	0	
	ZA00082	企業實習 I	Enterprise Internship I	4	1	3	0	9	
	ZA00083	企業實習 II	Enterprise Internship II	4	1	3	0	9	
	ZA00084	企業實習 III	Enterprise Internship III	4	1	3	0	9	
	ZA00353	智慧健康照護	Smart Health Care	4	1	3	3	0	
	ZA00426	跨文化商業溝通	Intercultural Business Communication	4	1	1	1	0	
	ZA00441	國貿實務		4	1	2	2	0	
	ZA00442	跨國文化企業管理		4	1	1	1	0	
	ZA00443	服務業行銷		4	1	2	2	0	
	ZA00559	專題討論II	Project discussion II	4	1	1	1	0	
common course-elective	PE00227	體育VIII	Physical Education VIII	4	2	1	2	0	
dep. course-elective	ZA00093	企業實習 IV	Enterprise Internship IV	4	2	3	0	9	
	ZA00094	企業實習 V	Enterprise Internship V	4	2	3	0	9	
	ZA00095	企業實習 VI	Enterprise Internship VI	4	2	3	0	9	
	ZA00162	人工智慧	Artificial Intelligence	4	2	3	3	0	

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dep. course-elective	ZA00345	物件導向系統	Object-Oriented Systems	4	2	3	3	0	
obligatory 69 elective course 59 credit sum 128 The maximum elective credits from other departments that can be counted is 15									