

114 學年度起入學新生實施

其他修業規定：	
全球競爭力檢定	通過全球競爭力檢定，依本校「大學部學生全球競爭力檢定實施辦法」辦理，詳細資訊請參考教務組網頁。 https://reg.pccu.edu.tw/
倫理課程	參與「職業倫理」、「中華文化專題」，依本校「職業倫理教育實施要點」及「中華文化專題講座實施要點」辦理，詳細資訊請參考綜合業務組網頁。 https://cur.pccu.edu.tw/
全人學習護照	參與全人學習護照各項學習活動達認證標準，依本校「全人學習護照實施辦法」辦理，詳細資訊請參考課外活動組網頁。 https://activity.pccu.edu.tw/

Chinese Culture University, Required Courses List, Department of Mechanical Engineering

Effective for Students Enrolled in and from the 2024 Academic Year

Categories for Compulsory Courses	Course Title	Credit Hours	1st Year		2nd Year		3rd Year		4th Year		Remark
			1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	
Required Courses											
General Required Courses	CHINESE	4	2	2							Choose 1 of 5 Courses
	FOREIGN LANGUAGE READING AND CONVERSATION(1)	3	1.5	1.5							
	FOREIGN LANGUAGE READING AND CONVERSATION(2)	3			1.5	1.5					
	INTERDISCIPLINARY PROGRAM	12			6	6					
	ART AND HUMANITIES	4	4	4	0	2					
	NATURAL SCIENCES AND MATHEMATICS	4									
	SOCIAL SCIENCES	2									
Common Courses	PHYSICAL EDUCATION	0	0	0	0	0					
Total General and Common Courses Credits		32	7.5	7.5	7.5	9.5					
Required Courses by Department	(2021) Calculus	6	3	3							
	(2026) General Physics	6	3	3							
	(2027) General Physics LAB.	2	1	1							
	(6022) Applied Mechanics	4	2	2							
	(6030) Manufacturing Processes	3	3								
	(6043 Machine Shop Practice	1	1								
	(6003) Engineering Mathematics	6			3	3					
	(7173) Computer Aided Engineering Graphics	4			2	2					
	(6026) Thermodynamics	3			3						
	(6029) Mechanics of Materials	3			3						
	(6002) Electrical Circuit Theory	2			2						
	(2126) Applied Electronics	2				2					
	(6023) Kinematics	3				3					
	(6158) Engineering Materials for Mechanical Engineers	3				3					
	(E523) Electrical Engineering Laboratory	1				1					
	(6031) Elements of Machine Design	4					2	2			
	(6058) Electrical Machinery	2					2				
	(6118) Automatic Control Theory	3					3				
	(6025) Fluid Mechanics	3					3				
	(D986) Materials Teseing Laboratory for Mechanical Engineers	1					1				

Categories for Compulsory Courses	Course Title	Credit Hours	1st Year		2nd Year		3rd Year		4th Year		Remark
			1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	1st semester (Sep)	2nd semester (Feb)	
	(6033) Heat Transfer	3						3			
	(8800) Thermal and Fluid Experiments	1						1			
	(C696) Research Project and Implementation (I)	1						1			
	(C697) Research Project and Implementation (II)	1						1			
Total Credits of Required Subjects		68	13	9	13	14	11	7	1	0	
Total Required Credits		100	20.5	16.5	20.5	23.5	11	7	1	0	
Graduate Credits		135									
Other provisions of graduate requirements :											
Global competitiveness	Passing the "Implementation Measures for the Global Competitiveness Assessment of University Students" is mandatory for graduation. Visit the website of the Registration Section for more information. https://reg.pccu.edu.tw/										
Professional Ethics/ Special Topics in Chinese Culture	According to the university's 'Implementation Guidelines for Professional Ethics Education' and 'Implementation Guidelines for Chinese Culture Topics Lectures,' students are required to participate in two-semester courses: 'Professional Ethics' and 'Chinese Culture Topics.' For detailed information, please refer to the website of the Curriculum Section: https://cur.pccu.edu.tw/										
Whole Person Learning Passport	To fulfill the Whole Person Learning Passport requirements, students must actively participate in various learning activities. These activities are organized in accordance with our university's guidelines for the Whole Person Learning Passport. For more detailed information, please visit the website of the Extracurricular Activities Section at https://activity.pccu.edu.tw/ ."										