

中臺科技大學大學部四年制日間部牙體技術暨材料系112學年度入學課程標準表

The 112<sup>th</sup> Academic Year Curriculum Standards for Undergraduate 4-Year Daytime Program, Department of Dental Technology and Materials Science, Central Taiwan University of Science and Technology

1130219系課程委員會會議通過

1130321院課程委員會會議通過

1130403校課程委員會會議通過

學年 Academic Year	科目 Course	學分數 Credits	時數 Teaching hours	上學期		下學期		備註 Remarks
				First Semester		Second Semester		
				授課 Teaching	實習 Internship	授課 Teaching	實習 Internship	
<b>核心素養(24學分) Fundamental Courses (24 Credits)</b>								
第一學年 1 <sup>st</sup> Academic Year	文學與人生 Literature and Life	2	2	2				
	大一英文(一) Freshman English (I)	2	2	2				
	文學領域 Literature Studies	2	2			2		
	大一英文(二) Freshman English (II)	2	2			2		
	普通生物學 General Biology	2	2			2		
	普通化學 General Chemistry	2	2			2		
資訊科技與應用 Information Technology and Application	2	2				2	電腦課程 Computer Course	
第二學年 2 <sup>nd</sup> Academic Year	實用生活美學 Life Aesthetics	2	2	2				
	時間、空間、多元文化 Multi-cultures	2	2			2		
第三學年 3 <sup>th</sup> Academic Year	人際關係與溝通 Interpersonal Relationships and Communication	2	2	2				
	法律學概論 Introduction to Law	2	2	2				
	文化領域 Cultural Studies	2	2	2				
<b>軍訓與體育(2學分) Military Training and Physical Education (2 Credits)</b>								
第一學年 1 <sup>st</sup> Academic Year	全民國防教育軍事訓練-國防科技 All-out Defense Education Military Training - Defense Technology	0	2	2				
	體育(一) Physical Education (I)	1	2	2				
	體育(二) Physical Education (II)	1	2			2		
第二學年 2 <sup>nd</sup> Academic Year	體育(三) Physical Education (III)	0	2	2				
<b>專業必修(49學分) Professional Required Courses (49 Credits)</b>								
<b>核心基礎(26學分) Core Fundamental Courses (26 Credits)</b>								
第一學年 1 <sup>st</sup> Academic Year	牙技概論與職業倫理 Introduction and Ethics of Dental Technology	2	2	2				定錨課程 Anchoring Course
	牙科材料學(一) Science of Dental Materials (I)	2	2	2				
	口腔解剖生理學 Oral Anatomy and Physiology	2	2	2				
	牙體形態學 Dental Morphology	2	2	2				
	牙科材料學實驗(一) Lab. of Dental Materials (I)	1	2		2			
	牙科材料學(二) Science of Dental Materials (II)	2	2			2		
	牙科材料學實驗(二) Lab. of Dental Materials (II)	1	2				2	
第二學年 2 <sup>nd</sup> Academic Year	牙體形態學實驗(一) Lab. of Dental Morphology (I)	2	4				4	
	牙體形態學實驗(二) Lab. of Dental Morphology (II)	2	4		4			
	顎咬合學 Gnathology	2	2			2		
	數位工程及材料學 Digital Engineering and Materials Science	2	2			2		
第三學年 3 <sup>th</sup> Academic Year	普通物理學 General Physics	2	2			2		
	專業英文 English in Dentistry	2	2			2		
	牙科電腦輔助設計與製作 Dental CAD/CAM	2	2			2		
<b>核心專業(75學分) Core Professional Courses (75 Credits)</b>								
第二學年 2 <sup>nd</sup> Academic Year	全口義齒技術學(一) Complete Denture Technology (I)	2	2	2				
	固定義齒技術學(一) Fixed Prosthodontics Technology (I)	2	2	2				
	全口義齒技術學實驗(一) Lab. of Complete Denture Technology (I)	2	4		4			
	全口義齒技術學(二) Complete Denture Technology (II)	2	2			2		
	齒顎矯正技術學(一)(含兒童牙科技術學) Orthodontic Technology (Include Peadodontic Technology) (I)	2	2			2		
	固定義齒技術學(二) Fixed Prosthodontics Technology (II)	2	2			2		
	全口義齒技術學實驗(二) Lab. of Complete Denture Technology (II)	2	4				4	
	固定義齒技術學實驗(一) Lab. of Fixed Prosthodontics Technology (I)	2	4				4	
第三學年 3 <sup>th</sup> Academic Year	齒顎矯正技術學(二)(含兒童牙科技術學) Orthodontic Technology (Include Peadodontic Technology) (II)	2	2	2				
	牙科陶瓷技術學(一) Dental Ceramic Technology (I)	2	2	2				
	局部可撤義齒技術學(一) Removable Partial Denture Technology (I)	2	2	2				
	專題討論 Seminar	1	2	1		1		學術倫理課程 Academic Ethics Course
	齒顎矯正技術學實驗 Lab. of Orthodontic Technology	2	4		4			
	固定義齒技術學實驗(二) Lab. of Fixed Prosthodontics Technology (II)	2	4		4			

	局部可搬義齒技術學實驗 (一) Lab. of Removable Partial Denture Technology (I)	2	4	4			
	牙科陶瓷技術學 (二) Dental Ceramic Technology (II)	2	2		2		
	局部可搬義齒技術學 (二) Removable Partial Denture Technology (II)	2	2		2		
	局部可搬義齒技術學實驗 (二) Lab. of Removable Partial Denture Technology (II)	2	4			4	
	無金屬陶瓷技術學暨實驗 All Ceramic Dental Technology and Lab.	2	4			4	
第四學年 4 <sup>th</sup> Academic Year	臨床實習 Clinical Practice	10	20		20		校外實習實習20週 Off-Campus Internship Internship Duration:20weeks
	牙技實務實驗 Dental Technology Practical Training	2	2			2	
<b>博學涵養(4學分) Liberal Education (4 Credits)</b>							
第二學年 2 <sup>nd</sup> Academic Year	博學涵養 Liberal Education	2	2	2			
	博學涵養 Liberal Education	2	2			2	
<b>專業選修(24學分) Professional Elective Courses (24 Credits)</b>							
第一學年 1 <sup>st</sup> Academic Year	生物統計學 Biostatistics	2	2	2			
	3D列印實作 3D Printing practice	2	4		4		
第二學年 2 <sup>nd</sup> Academic Year	牙技法規與感染控制學 (含職業安全)Dental Regulation and Infection Control (Including Occupational Safety)	2	2	2			
第三學年 3 <sup>th</sup> Academic Year	牙科審美學 Esthetics in Dentistry	2	2	2			
	植體技術學暨實驗 Dental Implant Laboratory Technology and Lab.	2	4			4	
第四學年 4 <sup>th</sup> Academic Year	數位牙技實務與操作 Operation of Dental Digital Technology	2	2			2	
	專業基礎證照實務 Operation of Basis Training	2	2			2	
	固定義齒證照實務 Operation of Fixed Prosthodontics Training	2	2			2	
	活動義齒證照實務 Operation of Removable Denture Training	2	2			2	
	經營管理學 Practice Management	2	2			2	
	牙科儀器應用與維修 Application and Maintenance of Dental Equipments	2	2			2	
	牙科電腦輔助設計/製作與實驗Dental CAD/CAM and Laboratory	2	2			2	
<b>第一學年小計(1) 1<sup>st</sup> Academic Year Credits Subtotal (1)</b>		34	44	18	6	14	6
<b>第二學年小計(2) 2<sup>nd</sup> Academic Year Credits Subtotal (2)</b>		34	44	12	8	16	8
<b>第三學年小計(3) 3<sup>th</sup> Academic Year Credits Subtotal (3)</b>		35	48	15	12	9	12
<b>第四學年小計(4) 4<sup>th</sup> Academic Year Credits Subtotal (4)</b>		26	36	0	20	12	4
<b>合計 Total = (1)+(2)+(3)+(4)</b>		129	172	45	46	51	30

#### 畢業規定及其他相關說明：

#### Graduation Requirements and Other Relevant Instructions

一	最低畢業學分為128學分，必修101學分【含基本素養24學分(文學領域與文化領域各2學分)、軍訓與體育2學分、專業必修75學分】，博學涵養4學分，選修至少23學分(其中專業選修至少15學分)。 The minimum graduation requirement is 128 credits, including required courses 101 credits [comprising fundamental courses 24 credits (literature studies and cultural studies 2 credits each), military training and physical education 2 credits, and professional required courses 75 credits], Liberal education 4 credits. Elective credits 23 credits at least (with a minimum 15 credits for professional electives courses).
二	畢業前需取得本校「資訊能力」畢業資格審定暨實施要點所列之資訊相關證照，始得畢業。 Before graduation, students must obtain the qualifications as stipulated in the "Regulations for the Assessment and Implementation of Information Literacy Graduation Qualifications" of our university, which includes obtaining the information-related certifications listed therein, in order to graduate.
三	有關英文能力畢業門檻之相關規定，依照「中臺科技大學大學部英(日)文畢業門檻實施要點」之規定辦理。 The regulations regarding the graduation requirements for English proficiency are implemented in accordance with the "Implementation Guidelines for the English (Japanese) Graduation Thresholds for Undergraduate Programs at CTUST."
四	電腦課程須繳交電腦實習費。 The computer course requires the payment of a computer practicum fee.
五	畢業前需修完普通化學「General Chemistry」2學分、普通生物學「General Biology」2學分、生物統計學「Biostatistics」(或統計學概論「Introduction to statistics」)2學分三項健康科學院院訂共同課程；普通化學、普通生物學需及格，生物統計學(或統計學概論)為選修需有修讀紀錄，始得畢業。 For College of Health Sciences, students must complete three required courses, including General Chemistry 2 credits, General Biology 2 credits, and Biostatistics (or Introduction to Statistics) 2 credits. For these three courses, students must pass General Chemistry and General Biology. Additionally, students must provide proof of enrollment for Biostatistics (or Introduction to Statistics).
六	專業選修課程不得跨年級預先選修。 Students are not allowed to take professional elective courses in advance across grades.
七	在本校就學期間必須取得心肺復甦術(CPR)畢業門檻之相關規定，依照「中臺科技大學健康科學院心肺復甦術(CPR)證照畢業門檻實施要點」之規定辦理。 During the period of study, it is required to fulfill the graduation threshold for CPR in accordance with the 'Implementation Guidelines for Graduation Threshold of CPR Certification at the College of Health Science, Central Taiwan University of Science and Technology.'
五	有關「生活與服務」畢業門檻之相關規定，依照中臺科技大學「生活與服務」畢業門檻施行細則之規定辦理。 In accordance with the regulations outlined in the Implementation Rules for the Graduation Threshold of 'Life and Service' at the Central Taiwan University of Science and Technology, all requirements related to 'Life and Service' graduation threshold shall be adhered to.
六	大學部學生，需依「中臺科技大學學術倫理教育課程實施要點」完成「學術倫理教育」相關課程修習後，提交任課老師列入成績考核。 Undergraduate students are required to complete relevant courses on academic ethics education in accordance with the 'Implementation Guidelines for Academic Ethics Education Courses at the Central Taiwan University of Science and Technology. After completing the courses, students must submit their performance to the respective instructors for grading.