

中臺科技大學大學部四年制日間部牙體技術暨材料系106學年度課程標準表

1060307系課程委員會會議審議通過  
1060329院課程委員會會議修訂通過  
1060412校課程委員會會議修訂通過

| 科目類別   | 科目名稱   | 學分數 | 時數 | 第一學年 |    |    |    | 第二學年 |    |    |    | 第三學年 |    |    |    | 第四學年 |    |    |    | 備註         |
|--|--|-----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------------|
|  |  |     |    | 上    |    | 下  |    | 上    |    | 下  |    | 上    |    | 下  |    | 上    |    | 下  |    |            |
|  |  |     |    | 授課   | 實習 | 授課 | 實習 | 授課   | 實習 | 授課 | 實習 | 授課   | 實習 | 授課 | 實習 | 授課   | 實習 | 授課 | 實習 |            |
| 基本素養   | 文學與人生 Literature and Life  | 2   | 2  | 2    |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 文學領域 Literature Studies  | 2   | 2  |      |    | 2  |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 實用生活美學 Life Aesthetics   | 2   | 2  |      |    |    |    | 2    |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 大一英文(一) Freshman English (I)   | 2   | 2  | 2    |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 大一英文(二) Freshman English (II)  | 2   | 2  |      |    | 2  |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 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  |      |    |    |    |      |    |    |    |            |
|  | 時間、空間、多元文化 Multi-cultures  | 2   | 2  |      |    |    |    |      | 2  |    |    |      |    |    |    |      |    |    |    |            |
|  | 文化領域 Cultural Studies  | 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       |
|  | 生活與服務 Life and Service   | 0   | 0  |      |    |    |    |      |    | 0  |    |      |    |    |    |      |    |    |    |            |
|  | 小計(1)  | 24  | 24 | 4    | 0  | 10 | 0  | 2    | 0  | 2  | 0  | 6    | 0  | 0  | 0  | 0    | 0  | 0  | 0  | 0          |
| 軍訓與體育  | 體育(一) Physical Education (I)   | 1   | 2  | 2    |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 體育(二) Physical Education (II)  | 1   | 2  |      |    | 2  |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 體育(三) Physical Education (III)   | 0   | 2  |      |    |    |    | 2    |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 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    |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 小計(2)  | 2   | 8  | 4    | 0  | 2  | 0  | 2    | 0  | 0  | 0  | 0    | 0  | 0  | 0  | 0    | 0  | 0  | 0  | 0          |
| 通識教養教育小計(一)=小計(1)+(2)                                    |  | 26  | 32 | 8    | 0  | 12 | 0  | 4    | 0  | 2  | 0  | 6    | 0  | 0  | 0  | 0    | 0  | 0  | 0  |            |
| 核心基礎   | 牙技概論與職業倫理 Introduction and Ethics of Dental Technology                           | 2   | 2  | 2    |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 專業英文 English in Dentistry  | 2   | 2  |      |    |    |    |      |    |    | 2  |      |    |    |    |      |    |    |    |            |
|  | 牙科材料學(一) Science of Dental Materials (I)   | 2   | 2  | 2    |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 牙科材料學(二) Science of Dental Materials (II)  | 2   | 2  |      |    | 2  |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 牙科材料學實驗(一) Lab. of Dental Materials (I)  | 1   | 2  |      |    | 2  |    |      |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 牙科材料學實驗(二) Lab. of Dental Materials (II)   | 1   | 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  |    |      |    |    |    |      |    |    |    |            |
|  | 牙科電腦輔助設計與製作 Dental CAD/CAM   | 2   | 2  |      |    |    |    |      |    |    |    |      | 2  |    |    |      |    |    |    | 跨院系課程(資管系) |
|  | 金屬材料學 Science of Metallic Materials  | 2   | 2  |      |    |    |    |      |    | 2  |    |      |    |    |    |      |    |    |    |            |
|  | 普通物理學 General Physics  | 2   | 2  |      |    |    |    |      |    | 2  |    |      |    |    |    |      |    |    |    |            |
| 小計(3)  | 26   | 32  | 8  | 6    | 2  | 6  | 0  | 0    | 6  | 0  | 0  | 0    | 4  | 0  | 0  | 0    | 0  | 0  |    |            |
| 專業必修   | 全口義齒技術學(一) Complete Denture Technology (I)                                       | 2   | 2  |      |    |    |    | 2    |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 全口義齒技術學(二) Complete Denture Technology (II)                                      | 2   | 2  |      |    |    |    |      | 2  |    |    |      |    |    |    |      |    |    |    |            |
|  | 全口義齒技術學實驗(一) Lab. of Complete Denture Technology (I)                             | 2   | 4  |      |    |    |    |      | 4  |    |    |      |    |    |    |      |    |    |    |            |
|  | 全口義齒技術學實驗(二) Lab. of Complete Denture Technology (II)                            | 2   | 4  |      |    |    |    |      |    | 4  |    |      |    |    |    |      |    |    |    |            |
|  | 齒顎矯正技術學(一)(含兒童牙科技術學) Orthodontic Technology (Include Pedodontic Technology) (I)  | 2   | 2  |      |    |    |    |      |    | 2  |    |      |    |    |    |      |    |    |    |            |
|  | 齒顎矯正技術學(二)(含兒童牙科技術學) Orthodontic Technology (Include Pedodontic Technology) (II) | 2   | 2  |      |    |    |    |      |    |    | 2  |      |    |    |    |      |    |    |    |            |
|  | 齒顎矯正技術學實驗 Lab. of Orthodontic Technology   | 2   | 4  |      |    |    |    |      |    |    |    | 4    |    |    |    |      |    |    |    |            |
|  | 固定義齒技術學(一) Fixed Prosthodontics Technology (I)                                   | 2   | 2  |      |    |    |    | 2    |    |    |    |      |    |    |    |      |    |    |    |            |
|  | 固定義齒技術學(二) Fixed Prosthodontics Technology (II)                                  | 2   | 2  |      |    |    |    |      |    | 2  |    |      |    |    |    |      |    |    |    |            |
|  | 牙科陶瓷技術學(一) Dental Ceramic Prosthetic Technology (I)                              | 2   | 2  |      |    |    |    |      |    |    | 2  |      |    |    |    |      |    |    |    |            |
|  | 牙科陶瓷技術學(二) Dental Ceramic Prosthetic Technology (II)                             | 2   | 2  |      |    |    |    |      |    |    |    |      | 2  |    |    |      |    |    |    |            |
| 固定義齒技術學實驗(一) Lab. of Fixed Prosthodontics Technology (I) | 2  | 4   |    |      |    |    |    |      |    | 4  |    |      |    |    |    |      |    |    |    |            |

|                             |  |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|-----------------------------|--|--|-----|----|----|----|----|---|----|----|----|----|----|----|----|---|---|---|----|----|---------------|----------------|--|
|                             | 固定義齒技術學實驗(二) Lab. of Fixed Prosthodontics Technology (II)  | 2  | 4   |    |    |    |    |   |    |    |    |    | 4  |    |    |   |   |   |    |    |               |                |  |
|                             | 局部可撤義齒技術學(一) Removable Partial Denture Technology (I)  | 2  | 2   |    |    |    |    |   |    |    |    | 2  |    |    |    |   |   |   |    |    |               |                |  |
|                             | 局部可撤義齒技術學(二) Removable Partial Denture Technology (II)   | 2  | 2   |    |    |    |    |   |    |    |    |    |    | 2  |    |   |   |   |    |    |               |                |  |
|                             | 局部可撤義齒技術學實驗(一) Lab. of Removable Partial Denture Technology (I)  | 2  | 4   |    |    |    |    |   |    |    |    |    | 4  |    |    |   |   |   |    |    |               |                |  |
|                             | 局部可撤義齒技術學實驗(二) Lab. of Removable Partial Denture Technology (II)   | 2  | 4   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   | 4  |    |               |                |  |
|                             | 牙科陶瓷技術學實驗 Lab. of Dental Ceramic Prosthetic Technology   | 2  | 4   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 4  |               |                |  |
|                             | 專題討論 Seminar   | 1  | 2   |    |    |    |    |   |    |    |    | 1  |    | 1  |    |   |   |   |    |    |               |                |  |
|                             | 無金屬陶瓷技術學暨實驗 All Ceramic Dental Prosthetics and Lab.  | 3  | 6   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 6  |               |                |  |
|                             | 牙技實務實驗 Dental Technology Practical Training  | 2  | 4   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 4  |               |                |  |
|                             | 臨床實習 Clinical Practice   | 10   | 20  |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 20 | 校外實習實習<br>20週 |                |  |
|                             | 小計(4)  | 52   | 84  | 0  | 0  | 0  | 0  | 4 | 4  | 6  | 8  | 7  | 12 | 5  | 14 | 0 | 4 | 0 | 0  | 20 |               |                |  |
|                             | 專業必修小計(二)=小計(3)+(4)  | 78   | 116 | 8  | 6  | 2  | 6  | 4 | 4  | 12 | 8  | 7  | 12 | 9  | 14 | 0 | 4 | 0 | 0  | 20 |               |                |  |
|                             | 必修合計(A)=小計(一)+(二)  | 104  | 148 | 16 | 6  | 14 | 6  | 8 | 4  | 14 | 8  | 13 | 12 | 9  | 14 | 0 | 4 | 0 | 0  | 20 |               |                |  |
| 博學<br>涵養                    | 發展通識(人文) Advanced General Education (Humanities)   | 2  | 2   |    |    |    |    | 2 |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             | 發展通識(自然) Advanced General Education (Nature)   | 2  | 2   |    |    |    |    |   |    | 2  |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             | 小計(5)  | 4  | 4   | 0  | 0  | 0  | 0  | 2 | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  |               |                |  |
| 生醫<br>材料<br>模<br>組          | 基礎材料學 Basic Science of Materials   | 2  | 2   |    |    |    |    | 2 |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             | 顏面修復學 Maxill of Facial Prosthetics   | 2  | 2   |    |    |    |    |   |    |    |    | 2  |    |    |    |   |   |   |    |    |               |                |  |
|                             | 醫學工程概論 Introduction to Biomedical Engineering  | 2  | 2   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 2  |               |                |  |
|                             | 生物統計學 Biostatistics  | 2  | 2   |    |    | 2  |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             | 植體技術學暨實驗 Dental Implant Laboratory Technology and Lab.   | 2  | 4   |    |    |    |    |   |    |    |    |    |    |    | 4  |   |   |   |    |    |               |                |  |
|                             | 材料分析學 Analysis of Materials  | 2  | 2   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 2  |               |                |  |
|                             | 高分子材料學 Science of Polymer Materials  | 2  | 2   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 2  |               |                |  |
|                             | 細胞分子生物學 Cell Molecular Biology   | 2  | 2   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 2  |               |                |  |
|                             | 生醫材料學 Science of Biomaterials  | 2  | 2   |    |    |    |    | 2 |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             | 牙科審美學 Esthetics in Dentistry   | 2  | 2   |    |    |    |    |   |    |    |    | 2  |    |    |    |   |   |   |    |    |               |                |  |
|                             | 論文寫作 Writing of Technical Papers   | 2  | 2   |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    | 2  |               |                |  |
|                             | 專業日文 Japanese in Dentistry   | 2  | 2   | 2  |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             | 專業<br>選<br>修   | 職業安全與感染控制學 Occupational Safety and Infection Control                             | 2   | 2  |    |    |    |   | 2  |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             |  | 牙科醫學影像學 Science of Dental Imaging  | 2   | 2  |    |    |    |   | 2  |    |    |    |    |    |    |   |   |   |    |    |               | 跨院系課程<br>(醫放系) |  |
|                             |  | 咬合器理論應用學 Applied Science of Articulator  | 2   | 2  |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    | 2             |                |  |
|                             |  | 牙技法規(含醫事法規) Dental Laws and Regulations (Including Medical Laws and Regulations) | 2   | 2  |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    | 2             |                |  |
|                             |  | 經營管理學 Practice Management  | 2   | 2  |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    | 2             | 跨院系課程<br>(醫管系) |  |
|                             |  | 兒童牙科技術學實驗 Lab. of Include Peadodontic Technology                                 | 2   | 4  |    |    |    |   |    |    |    |    |    |    |    | 4 |   |   |    |    |               |                |  |
|                             |  | 牙科儀器應用與維修 Application and Maintenance of Dental Equipments                       | 2   | 2  |    |    |    |   | 2  |    |    |    |    |    |    |   |   |   |    |    |               | 內含<br>「服務學習」   |  |
|                             |  | 牙科焊接技術學暨實驗 Dental Soldering Technology and Lab.                                  | 2   | 4  |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    | 4             |                |  |
|                             |  | 牙科鑄造學暨實驗 Dental Casting and Lab.   | 1   | 2  |    |    |    |   | 2  |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
|                             |  | 精密連接體設計學 Precise Dental Attachment   | 2   | 2  |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    | 2             |                |  |
|                             | 陶瓷材料學 Science of Ceramic Materials   | 2  | 2   |    |    |    |    |   |    |    | 2  |    |    |    |    |   |   |   |    |    |               |                |  |
| 3D列印實作 3D Printing practice | 2  | 4  |     |    |    | 4  |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 小計(6)                       | 47   | 56   | 2   | 0  | 2  | 4  | 12 | 0 | 2  | 0  | 4  | 0  | 0  | 8  | 22 | 0 | 0 | 0 | 0  |    |               |                |  |
| 選修合計(B)=小計(5)+(6)           | 51   | 60   | 2   | 0  | 2  | 4  | 14 | 0 | 4  | 0  | 4  | 0  | 0  | 8  | 22 | 0 | 0 | 0 | 0  |    |               |                |  |
| 開課合計=必修(A)+選修(B)            | 155  | 208  | 18  | 6  | 16 | 10 | 22 | 4 | 18 | 8  | 17 | 12 | 9  | 22 | 22 | 4 | 0 | 0 | 20 |    |               |                |  |
| 畢業相關規定說明：                   |  |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 一                           | 最低畢業學分為128學分，必修104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78學分】，博學涵養4學分【含發展通識(人文)與發展通識(自然)各2學分】，選修至少20學分(其中專業選修至少13學分)。   |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 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。   |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 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文畢業門檻實施要點」之規定辦理。  |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 四                           | 電腦課程須繳交電腦實習費。  |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 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。 |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 六                           | 專業選修分為二組模組，於一組模組中至少選修10學分以上始得畢業。   |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 七                           | 專業選修課程不得跨年級預先選修。   |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |
| 八                           | 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。   |  |     |    |    |    |    |   |    |    |    |    |    |    |    |   |   |   |    |    |               |                |  |