

中臺科技大學大學部二年制日間部牙體技術暨材料系111學年度課程標準表

1110222系課程委員會會議修訂通過

1110310院課程委員會會議審議通過

1110316校課程委員會會議審議通過

| 科目類別              | 科目名稱                                                                 | 學分數                                                                                                                                       | 時數  | 第一學年 |    |    |    | 第二學年 |    |    |    | 備註         |        |  |
|-------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----|------|----|----|----|------|----|----|----|------------|--------|--|
|                   |                                                                      |                                                                                                                                           |     | 上    |    | 下  |    | 上    |    | 下  |    |            |        |  |
|                   |                                                                      |                                                                                                                                           |     | 授課   | 實習 | 授課 | 實習 | 授課   | 實習 | 授課 | 實習 |            |        |  |
| 基本素養              | 人文學概論 Introduction to Humanities                                     | 2                                                                                                                                         | 2   |      |    | 2  |    |      |    |    |    |            |        |  |
|                   | 進階英文 (一) 2YP Advanced English ( I )                                  | 2                                                                                                                                         | 2   | 2    |    |    |    |      |    |    |    |            |        |  |
|                   | 當代思維與視野 Contemporary Thinking and Vision                             | 2                                                                                                                                         | 2   | 2    |    |    |    |      |    |    |    |            |        |  |
|                   | 進階英文 (二) 2YP Advanced English ( II )                                 | 2                                                                                                                                         | 2   |      |    | 2  |    |      |    |    |    |            |        |  |
|                   | 小計(1)                                                                | 8                                                                                                                                         | 8   | 4    | 0  | 4  | 0  | 0    | 0  | 0  | 0  |            |        |  |
| 專業必修              | 核心基礎                                                                 | 專業英文 English in Dentistry                                                                                                                 | 2   | 2    |    |    | 2  |      |    |    |    |            |        |  |
|                   |                                                                      | 顎咬合學 Gnathology                                                                                                                           | 2   | 2    | 2  |    |    |      |    |    |    |            |        |  |
|                   |                                                                      | 臨床牙體形態學Clinical Dental Morphology                                                                                                         | 2   | 2    | 2  |    |    |      |    |    |    |            |        |  |
|                   |                                                                      | 臨床牙體形態學實驗 (一)Lab of Clinical Dental Morphology ( I )                                                                                      | 2   | 4    |    | 4  |    |      |    |    |    |            |        |  |
|                   |                                                                      | 臨床牙體形態學實驗 (二)Lab of Clinical Dental Morphology ( II )                                                                                     | 2   | 4    |    |    |    | 4    |    |    |    |            |        |  |
|                   |                                                                      | 牙科電腦輔助設計與製作 Dental CAD/CAM                                                                                                                | 2   | 2    |    |    |    |      | 2  |    |    |            |        |  |
|                   |                                                                      | 數位工程及材料學 Digital Engineering and Materials Science                                                                                        | 2   | 2    | 2  |    |    |      |    |    |    |            |        |  |
|                   |                                                                      | 陶瓷材料學 Science of Ceramic Materials                                                                                                        | 2   | 2    |    |    | 2  |      |    |    |    |            |        |  |
|                   |                                                                      | 牙技概論與職業倫理 (含牙技法規、醫事法規)Introduction and Ethics of Dental Technology (Including Dental Laws and Regulations 、 Medical Laws and Regulations) | 2   | 2    | 2  |    |    |      |    |    |    |            | 定錨課程   |  |
|                   |                                                                      | 小計(2)                                                                                                                                     | 18  | 22   | 8  | 4  | 4  | 4    | 2  | 0  | 0  | 0          |        |  |
|                   | 核心專業                                                                 | 固定義齒設計學 Design of Fixed Prosthodontics                                                                                                    | 2   | 2    |    |    | 2  |      |    |    |    |            |        |  |
|                   |                                                                      | 固定義齒設計學實驗 Design of Fixed Prosthodontics Laboratory                                                                                       | 2   | 4    |    |    |    | 4    |    |    |    |            |        |  |
|                   |                                                                      | 全口義齒設計學 Design of Completed Denture                                                                                                       | 2   | 2    |    |    | 2  |      |    |    |    |            |        |  |
|                   |                                                                      | 全口義齒設計學實驗 Design of Completed Denture Laboratory                                                                                          | 2   | 4    |    |    |    | 4    |    |    |    |            |        |  |
|                   |                                                                      | 可撤義齒設計學 Design of Removable Partial Denture                                                                                               | 2   | 2    |    |    |    |      | 2  |    |    |            |        |  |
|                   |                                                                      | 可撤義齒設計學實驗 Design of Removable Partial Denture Laboratory                                                                                  | 2   | 4    |    |    |    |      |    | 4  |    |            |        |  |
|                   |                                                                      | 齒顎矯正設計應用學暨實驗 Design and Application of Orthodontic Technology and Lab.                                                                    | 3   | 6    |    |    |    |      |    | 6  |    |            |        |  |
|                   |                                                                      | 無金屬陶瓷技術學暨實驗 All Ceramic Dental Prosthetics and Lab.                                                                                       | 3   | 6    |    |    |    |      |    | 6  |    |            |        |  |
|                   |                                                                      | 植體技術學暨實驗 Dental Implant Laboratory Technology and Lab.                                                                                    | 2   | 4    |    |    |    |      |    |    |    | 4          |        |  |
|                   |                                                                      | 專題討論 (一) Seminar ( I )                                                                                                                    | 1   | 1    |    |    | 1  |      |    |    |    |            | 學術倫理課程 |  |
|                   |                                                                      | 專題討論 (二) Seminar ( II )                                                                                                                   | 1   | 1    |    |    |    |      | 1  |    |    |            |        |  |
|                   |                                                                      | 牙技實務實驗 Dental Technology Practical Training                                                                                               | 2   | 4    |    |    |    |      |    |    |    | 4          |        |  |
|                   |                                                                      | 職業安全與感染控制學 Occupational Safety and Infection Control                                                                                      | 2   | 2    | 2  |    |    |      |    |    |    |            |        |  |
|                   |                                                                      | 小計(3)                                                                                                                                     | 26  | 42   | 2  | 0  | 5  | 8    | 3  | 16 | 0  | 8          |        |  |
|                   |                                                                      | 專業必修小計=小計(2)+(3)                                                                                                                          |     | 44   | 64 | 10 | 4  | 9    | 12 | 5  | 16 | 0          | 8      |  |
|                   |                                                                      | 必修合計(A)=小計(1)+(2)+(3)                                                                                                                     |     | 52   | 72 | 14 | 4  | 13   | 12 | 5  | 16 | 0          | 8      |  |
| 博學涵養              | 發展通識Advanced General Education                                       | 2                                                                                                                                         | 2   |      |    | 2  |    |      |    |    |    |            |        |  |
|                   | 發展通識Advanced General Education                                       | 2                                                                                                                                         | 2   |      |    |    |    | 2    |    |    |    |            |        |  |
|                   | 小計(4)                                                                | 4                                                                                                                                         | 4   | 0    | 0  | 2  | 0  | 2    | 0  | 0  | 0  |            |        |  |
| 專業選修              | 材料分析學 Analysis of Materials                                          | 2                                                                                                                                         | 2   | 2    |    |    |    |      |    |    |    |            |        |  |
|                   | 基礎材料學 Basic Science of Materials                                     | 2                                                                                                                                         | 2   | 2    |    |    |    |      |    |    |    |            |        |  |
|                   | 牙科醫學影像學 Science of Dental Imaging                                    | 2                                                                                                                                         | 2   |      |    | 2  |    |      |    |    |    | 跨院系課程(醫放系) |        |  |
|                   | 醫學工程概論 Introduction to Biomedical Engineering                        | 2                                                                                                                                         | 2   |      |    | 2  |    |      |    |    |    |            |        |  |
|                   | 數位牙技實務與操作 Operation of Dental Digital Technology                     | 2                                                                                                                                         | 2   |      |    |    |    | 2    |    |    |    |            |        |  |
|                   | 專業日文 Japanese in Dentistry                                           | 2                                                                                                                                         | 2   | 2    |    |    |    |      |    |    |    |            |        |  |
|                   | 口腔解剖生理學 Oral Anatomy and Physiology                                  | 2                                                                                                                                         | 2   | 2    |    |    |    |      |    |    |    |            |        |  |
|                   | 經營管理學 Practice Management                                            | 2                                                                                                                                         | 2   |      |    |    |    | 2    |    |    |    | 跨院系課程(醫管系) |        |  |
|                   | 牙科儀器應用與維修 Application and Maintenance of Dental Equipments           | 2                                                                                                                                         | 2   |      |    |    |    |      |    | 2  |    | 內含「服務學習」課程 |        |  |
|                   | 固定義齒證照實務 Operation of Fixed Prosthodontics Training                  | 1                                                                                                                                         | 2   |      |    |    |    |      |    | 2  |    |            |        |  |
|                   | 活動義齒證照實務 Operation of Removable Denture Training                     | 1                                                                                                                                         | 2   |      |    |    |    |      |    | 2  |    |            |        |  |
|                   | 牙科審美學 Esthetics in Dentistry                                         | 2                                                                                                                                         | 2   |      |    |    |    |      |    | 2  |    |            |        |  |
|                   | 牙科3D列印臨床實務應用 Applications of 3D Printing on Dental Clinical Practice | 2                                                                                                                                         | 4   |      |    |    |    |      |    |    | 4  |            |        |  |
|                   | 臨床實習 Clinical Practice                                               | 5                                                                                                                                         | 10  |      |    |    |    |      |    |    | 10 | 校外實習，實習10週 |        |  |
|                   | 小計(5)                                                                | 29                                                                                                                                        | 38  | 8    | 0  | 4  | 0  | 4    | 0  | 8  | 14 |            |        |  |
| 選修合計(B)=小計(4)+(5) |                                                                      | 33                                                                                                                                        | 42  | 8    | 0  | 6  | 0  | 6    | 0  | 8  | 14 |            |        |  |
| 開課合計=必修(A)+選修(B)  |                                                                      | 85                                                                                                                                        | 114 | 22   | 4  | 19 | 12 | 11   | 16 | 8  | 22 |            |        |  |

畢業相關規定說明：

- 一 最低畢業學分為72學分，必修52學分【含基本素養8學分、專業必修44學分】，博學涵養4學分，選修至少16學分（其中專業選修至少12學分）。
- 二 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。
- 三 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。
- 四 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。