

明志科技大學四技部 105學年度入學 工業設計系 課程總表

105.04.07系課程委員會審議通過

| | 科 目 名 稱 | 一上 | | 一下 | | 二上 | | 二下 | | 三上 | | 三下 | | 四上 | | 四下 | | 每班人數 | | 備註 |
|--------------------|--|----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|------|----|---------|
| | | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 上限 | 下限 | |
| 基礎課程 (20學分) | 國文(Chinese) | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | |
| | 英文(English) | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | |
| | 體育(Physical Education) | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | | | | | | | | | | | |
| | 英語聽講(Aural-Oral English) | | | | | 1 | 2 | 1 | 2 | | | | | | | | | | | |
| | 歷史(History) | | | | | 3 | 3 | | | | | | | | | | | | | |
| | 憲政與發展(Constitution& Democratic Development) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 英文輔導(English Tutorial) | | | | | | | | | | | | | 0 | 2 | | | 50 | | 修課總人數不限 |
| | 全民國防教育軍事訓練(一) | 0 | 2 | | | | | | | | | | | | | | | | | |
| | 全民國防教育軍事訓練(二) | | | 0 | 2 | | | | | | | | | | | | | | | |
| | 合 計 | 6 | 10 | 9 | 13 | 4 | 7 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | | | |
| 核心課程 | 大學之道(The Goal of University Education) | 1 | 2 | | | | | | | | | | | | | | | | | |
| | 服務學習 | | | 1 | 2 | | | | | | | | | | | | | | | |
| | 勤勞教育 | 0 | 0.5 | 0 | 0.5 | | | | | | | | | | | | | | | |
| 校共同必修 | 工讀實務實習(一)~(四) | | | | | | | | | | | 18 | | | | | | | | |
| | 工讀自學英文 | | | | | | | | | | | 2 | | | | | | | | |
| | 合 計 | 1 | 2.5 | 1 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | | | |
| 院共同必修 | 企業倫理 | | | | | | | | | 3 | 3 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 合 計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 專業必修科目 (55學分) | 工業設計概論(Introduction to Industrial Design) | 3 | 3 | | | | | | | | | | | | | | | | | |
| | 基本設計(Basic Design) | 3 | 3 | | | | | | | | | | | | | | | | | |
| | 模型製作(Model Making) | 3 | 3 | | | | | | | | | | | | | | | | | |
| | 電腦繪圖(Engineering Drawing) | 3 | 3 | | | | | | | | | | | | | | | | | |
| | 表現技法(Presentation Techniques) | 3 | 3 | | | | | | | | | | | | | | | | | |
| | 基本產品設計(Basic Product Design) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 材料與加工(Materials & Processing) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 電腦輔助工業設計(Computer Aided Industrial Design) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 產品設計(一)(二)(三)(Product Design(I)(II)(III)) | | | | | 3 | 6 | 3 | 6 | 3 | 6 | | | | | | | | | |
| | 設計應用英文(一)(二)(三)(Applied English in Design(I)(II)(III)) | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | |
| | 設計方法(Design Methods) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 人因工程(Human Factors Engineering) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 專業實務講座(Professional Topics Seminar) | | | | | | | | | | | | | 1 | 3 | | | | | |
| | 專題設計(一)(二)(Thesis Project(I)(II)) | | | | | | | | | | | | | 6 | 12 | 6 | 12 | | | |
| | 合 計 | 15 | 15 | 9 | 9 | 10 | 13 | 4 | 10 | 4 | 7 | 0 | 0 | 7 | 15 | 6 | 12 | | | |
| 院課程選修 | 創意整合(一)(Creativity Integration (I)) | | | | | 3 | 3 | | | | | | | | | | | 60 | | |
| | 創意整合(二)(Creativity Integration (II)) | | | | | | | 3 | 3 | | | | | | | | | 60 | | |
| | 創意整合(三)(Creativity Integration (III)) | | | | | | | | | 3 | 3 | | | | | | | 60 | | |
| | 創意整合(四)(Creativity Integration (IV)) | | | | | | | | | | | | | 3 | 3 | | | 60 | | |
| 專業選修科目 (至少30學分) | 應用色彩學(Applied Color Theory) | 3 | 3 | | | | | | | | | | | | | | | | | |
| | 進階電腦繪圖(Advanced Engineering Drawing) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 造形設計(Style of Design) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 進階表現技法(Advanced Presentation Techniques) | | | 3 | 3 | | | | | | | | | | | | | | | |
| | 3D數位成形(3D Digital Prototyping) | | | | | 3 | 3 | | | | | | | | | | | | | |
| | 進階電腦輔助工業設計(Advanced Computer Aided Industrial Design) | | | | | 3 | 3 | | | | | | | | | | | | | |
| | 交通工具設計(Transportation Design) | | | | | 3 | 3 | | | | | | | | | | | | | |
| | 進階交通工具設計(Advanced Transportation Design) | | | | | | | 3 | 3 | | | | | | | | | | | |
| | 福祉設計(Inclusive Design) | | | | | | | 3 | 3 | | | | | | | | | | | |
| | 設計心理學(Design Psychology) | | | | | | | 3 | 3 | | | | | | | | | | | |
| | 醫療照護產品設計(Medical Product Design) | | | | | | | | | 3 | 3 | | | | | | | | | |
| | 傢俱設計(Furniture Design) | | | | | | | | | 3 | 3 | | | | | | | | | |
| | 互動設計(Interactive Design) | | | | | | | | | 3 | 3 | | | | | | | | | |
| | 塑膠成型品設計(Plastic Product Design) | | | | | | | | | 3 | 3 | | | | | | | | | |
| | 設計競賽實務(Design competition practice) | | | | | | | | | | | | | 3 | 3 | | | | | |
| | 陶瓷設計(Ceramics) | | | | | | | | | | | | | | | 3 | 3 | | | |
| 遠距 | 創新設計(Creative Innovation) | | | | | | | | | | | 3 | 3 | | | | | | | |
| | 產品設計(四)(Product Design(IV)) | | | | | | | | | | | 3 | 3 | | | | | | | 不開放外系選修 |
| | 合 計 | 3 | 3 | 9 | 9 | 12 | 12 | 12 | 12 | 15 | 15 | 6 | 6 | 6 | 6 | 3 | 3 | | | |

1 畢業最少應修 148 學分。

3 每學期選課上限為 27 學分，大一、大二選課下限為 16 學分，大三、大四選課下限為9學分。

5 三下開設之創新設計、產品設計(四)課程係以遠距教學方式進行。

7 「設計應用英文(一)~(三)」課程，如已考取TOEIC英文檢定450分以上成績，可免修習。

2 三下必修「工讀實務實習(一)~(四)」及「工讀自學英語」，共 20學分。

4 三上課程採取濃縮方式（原一週授課時數三小時的課程變更為一週授課四小時）授課。

6 共同必修 22 學分(含基礎課程及核心課程)，通識選修至少 8 學分(四類型各 2 學分)，院共同必修 3學分，專業必修共55學分，專業選修至少修 30學分(開設54) 學分，一般選修(可選通識、專業、或跨系課