

明志科技大學四技部 110學年度入學 工業設計系 課程總表

110.06.22校課程委員會審議通過

110.06.10院課程委員會審議通過

110.05.27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 上限 下限 | 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 | | |
| 文學鑑賞與情意表達(Appreciation of Literature and Emotional Expression) | 2 | 2 | | | | | | | | | | | | | | | | |
| 藝文涵養與社會參與(Art Literacy and Social Participation) | | | 2 | 2 | | | | | | | | | | | | | | |
| 經典教育與社會實踐(Classical Education and Social Practice) | 1 | 1 | | | | | | | | | | | | | | | | |
| 英文(English) | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | |
| 體育(Physical Education) | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | | | | | | | | | |
| 英語聽講(Aural-Oral English) | | | | | 1 | 2 | 1 | 2 | | | | | | | | | | |
| 英文實務(一)(Practical English I) | | | | | 0 | 2 | | | | | | | | | | | | |
| 英文實務(二)(Practical English II) | | | | | | | 0 | 2 | | | | | | | | | | |
| 英文實務(三)(Practical English III) | | | | | | | | | | | | 0 | 2 | | | | | |
| 英文實務(四)(Practical English IV) | | | | | | | | | | | | | | 0 | 2 | | | |
| 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 | 7 | 10 | 6 | 9 | 2 | 6 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | | |
| 大學之道(The Goal of University Education) | 1 | 2 | | | | | | | | | | | | | | | | |
| 設計思考(Design Thinking) | | | 1 | 1 | | | | | | | | | | | | | | |
| 勤勞教育 | 0 | 0.5 | 0 | 0.5 | | | | | | | | | | | | | | |
| 合計 | 1 | 2.5 | 1 | 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 實習前職場素養訓練(Professionalism Prior to Practical Training) | | | | | | | | | 1 | 1 | | | | | | | | |
| 工讀實務實習(一)(Co-oprative Education I) | | | | | | | | | | | 4 | 29 | | | | | | |
| 工讀實務實習(二)(Co-oprative Education II) | | | | | | | | | | | 4 | 29 | | | | | | |
| 工讀實務實習(三)(Co-oprative Education III) | | | | | | | | | | | 4 | 29 | | | | | | |
| 工讀實務實習(四)(Co-oprative Education IV) | | | | | | | | | | | 5 | 29 | | | | | | |
| 工讀自學英文(Self-Study English During Vocational Practice) | | | | | | | | | | | 2 | 2 | | | | | | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 19 | 118 | 0 | 0 | 0 | 0 | | |
| 歷史思辨(Historical Thinking) | | | | | 3 | 3 | | | | | | | | | | | | |
| 憲政與法治(Constitutionalism & Rule of Law) | | | | | 3 | 3 | | | | | | | | | | | | |
| 合計 | 0 | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 應修3學分，開設6學分 |
| 企業倫理 | | | | | | | | | 3 | 3 | | | | | | | | |
| 創意整合實作(Practice for Creativity Integration) | | | | | | | | | 1 | 3 | | | | | | | | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 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 | 6 | 9 | 6 | 10 | 3 | 6 | 0 | 0 | 7 | 15 | 6 | 12 | | |
| 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 |
| 應用色彩學(Applied Color Theory) | 3 | 3 | | | | | | | | | | | | | | | | |
| 進階電腦繪圖(Advanced Engineering Drawing) | | | 3 | 3 | | | | | | | | | | | | | | 創意整合學分學程採計之選修 |
| 造型設計(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 | | | | | | | | | | | | 創意整合學分學程採計之選修 |
| 進階電腦輔助工業設計(Advanced Computer Aided Industrial Design) | | | | | 3 | 3 | | | | | | | | | | | | 創意整合學分學程採計之選修 |
| 交通工具設計(Transportation Design) | | | | | 3 | 3 | | | | | | | | | | | | 創意整合學分學程採計之選修 |
| Arduino互動程式設計(Arduino Programming) | | | | | 3 | 3 | | | | | | | | | | | | |
| 數位工具應用(Application course in digital tools) | | | | | 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 | | | | | | | | | | |
| AR/VR虛擬程式設計(AR/VR Programming) | | | | | | | 3 | 3 | | | | | | | | | | |
| 塑膠成型品設計(Plastic Product Design) | | | | | | | | | 3 | 3 | | | | | | | | |
| 醫療照護產品設計(Medical Product Design) | | | | | | | | | 3 | 3 | | | | | | | | 創意整合學分學程採計之選修 |
| 傢俱設計(Furniture Design) | | | | | | | | | 3 | 3 | | | | | | | | |
| 互動設計(Interactive Design) | | | | | | | | | 3 | 3 | | | | | | | | 創意整合學分學程採計之選修 |
| APP應用程式設計(APP Programming) | | | | | | | | | 3 | 3 | | | | | | | | |
| 設計競賽實務(Design competition practice) | | | | | | | | | | | | | 3 | 3 | | | | |
| 陶瓷設計(Ceramics) | | | | | | | | | | | | | | | 3 | 3 | | |
| 創新設計(Creative Innovation) | | | | | | | | | | | | | 3 | 3 | | | | 創意整合學分學程採計之選修 |
| 產品設計(四)(Product Design(IV)) | | | | | | | | | | | | | 3 | 3 | | | | 創意整合學分學程採計之選修 不開放外系選修 |
| 合計 | 3 | 3 | 9 | 9 | 18 | 18 | 15 | 15 | 15 | 15 | 6 | 6 | 6 | 6 | 3 | 3 | | |
| 1 | 最低畢業學分最少應修148學分，且應修畢至少一項學分學程，認定如下： *修畢第二專長學分學程者：最低畢業學分結構調整為共同必修42學分，通識選修至少8學分(五類型，任選四類各2學分)，專業必修/選修共98學分，合計148學分；已修畢之第二專長學分學程外系學分，採計為系專業選修學分。 *修畢跨領域學分學程者：最低畢業學分結構調整為共同必修42學分，通識選修至少8學分(五類型，任選四類各2學分)，專業必修/選修共98學分，合計148學分；已修畢之跨領域學分學程外系學分，採計為系專業選修學分。 | | | | | | | | | | | | | | | | | |
| 3 | 三下必修「工讀實務實習(一)-(四)」、「工讀自學英語」及「實習前職場素養訓練」，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。 | | | | | | | | | | | | | | | | | |
| 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。 | | | | | | | | | | | | | | | | | |
| 6 | 校共同必修39學分(含基礎課程及核心課程、校共同課程)，校共同選修至少3學分，通識選修至少8學分(五類型，任選四類各2學分)，院共同必修4學分，系專業必修共52學分，專業選修至少修29學分(開設75)學分，工讀期間必修20學分，一般選修(可選通識、專業、或跨系課程)至少10學分。 | | | | | | | | | | | | | | | | | |