**南臺科技大學 四年制 機械工程系**

**雙軌旗艦訓練專班 課程時序表109年9月實施(修改後)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **課程屬性** | | **必選修別** | **第 一 學 年** | | | | | | | | | | **備 註** | | **必選修別** | | **第 二 學 年** | | | | | | | | | | | | | **備 註** |
| **科目名稱** | | **第一學期** | | | | **第二學期** | | | | **科目名稱** | | | | | **第一學期** | | | | **第二學期** | | | |
| **學分** | | **時數** | | **學分** | | **時數** | | **學分** | | **時數** | | **學分** | | **時數** | |
| **通識課程** | | **必** | 中文閱讀與表達 | | 3 | | 3 | |  | |  | |  | |  | |  | | | | |  | |  | |  | |  | |  |
|  | 職場英語溝通 | |  | |  | | 3 | | 3 | |  | |  | |  | | | | |  | |  | |  | |  | |  |
| **必** |  | |  | |  | |  | |  | |  | |  | |  | | | | |  | |  | |  | |  | |  |
| **必** | 生涯規劃 | | 3 | | 3 | |  | |  | |  | | **必** | | 人際溝通 | | | | | 3 | | 3 | |  | |  | |  |
| **必** | 藝術與美學欣賞 | |  | |  | | 3 | | 3 | |  | | **必** | | 哲學與人生 | | | | |  | |  | | 3 | | 3 | |  |
| **小 計** | | |  | | 6 | |  | | 6 | |  | |  | |  | |  | | | | | 3 | |  | | 3 | |  | |  |
| **專業課程** | | 必 | 合作廠商專業實習 | 工廠實務實習Ⅰ、Ⅱ | 2 | | 0 | | 2 | | 0 | |  | | 必 | | 合作廠商專業實習 | | | 工廠實務實習Ⅲ、Ⅳ | | 2 | | 0 | | 2 | | 0 | |  |
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| 必 | 工程圖學及實習 | | 3 | | 3 | |  | |  | |  | | 必 | | 電機學 | | | | | 3 | | 3 | |  | |  | |  |
| 必 | 程式設計 | | 2 | | 2 | |  | |  | |  | | 必 | | 材料力學 | | | | | 3 | | 3 | |  | |  | |  |
| 必 | 微積分 | | 2 | | 2 | |  | |  | |  | | 必 | | 機構學 | | | | | 3 | | 3 | |  | |  | |  |
| 必 | 勞動法規 | | 3 | | 3 | |  | |  | |  | | 必 | | 工程材料 | | | | |  | |  | | 3 | | 3 | |  |
| 必 | 物理 | |  | |  | | 3 | | 3 | |  | | 必 | | 電子學 | | | | |  | |  | | 3 | | 3 | |  |
| 必 | 電腦輔助製圖 | |  | |  | | 3 | | 3 | |  | | 必 | | 自動化概論 | | | | |  | |  | | 3 | | 3 | |  |
| 選 | 靜力學 | |  | |  | | 3 | | 3 | |  | | 選 | | 電腦輔助立體製圖 | | | | | 3 | | 3 | |  | |  | |  |
| 選 | 機械製造 | |  | |  | | 3 | | 3 | |  | | 選 | | 模具加工技術 | | | | |  | |  | | 3 | | 3 | |  |
| **小 計** | | |  | | 12 | |  | | 14 | |  | |  | |  | |  | | | | | 14 | |  | | 14 | |  | |  |
| **合 計** | | |  | | **18** | |  | | **20** | |  | |  | |  | |  | | | | | **17** | |  | | **17** | |  | |  |
| **課程屬性** | **必選修別** | | **第 三 學 年** | | | | | | | | | | | **備 註** | | **必選修別** | | **第 四 學 年** | | | | | | | | | | | **備 註** | |
| **科目名稱** | | | **第一學期** | | | | **第二學期** | | | | **科目名稱** | | | **第一學期** | | | | **第二學期** | | | |
| **學分** | | **時數** | | **學分** | | **時數** | | **學分** | | **時數** | | **學分** | | **時數** | |
| **通識課程** |  | |  | | |  | |  | |  | |  | |  | |  | |  | | |  | |  | |  | |  | |  | |
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| **小 計** | | |  | | |  | |  | |  | |  | |  | |  | |  | | |  | |  | |  | |  | |  | |
| **專業課程** | 必 | | 合作廠商專業實習 | 工廠實務實習Ⅴ、Ⅵ | | 2 | | 0 | | 2 | | 0 | |  | | 必 | | 合作廠商專業實習 | 工廠實務實習Ⅶ、Ⅷ | | 2 | | 0 | | 2 | | 0 | |  | |
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| 必 | | 機械設計 | | | 3 | | 3 | |  | |  | |  | | 必 | | 機電整合技術 | | |  | |  | | 3 | | 3 | |  | |
| 必 | | 氣壓控制實務 | | | 3 | | 3 | |  | |  | |  | | 必 | | 感測器原理與應用 | | | 3 | | 3 | |  | |  | |  | |
| 選 | | 自動控制 | | | 3 | | 3 | |  | |  | |  | | 必 | | 工業配線 | | | 2 | | 2 | |  | |  | |  | |
| 選 | | 物聯網概論 | | | 3 | | 3 | |  | |  | |  | | 選 | | 逆向工程技術 | | | 3 | | 3 | |  | |  | |  | |
| 必 | | 職場倫理 | | |  | |  | | 2 | | 2 | |  | | 選 | | 品質管理 | | | 2 | | 2 | |  | |  | |  | |
| 必 | | 單晶片控制 | | |  | |  | | 3 | | 3 | |  | | 必 | | 可程式控制技術 | | | 3 | | 3 | |  | |  | |  | |
| 必 | | 精密機械加工 | | |  | |  | | 3 | | 3 | |  | | 選 | | 數控工具機 | | |  | |  | | 3 | | 3 | |  | |
| 必 | | 製程規劃 | | |  | |  | | 3 | | 3 | |  | | 選 | | 精密量測與實習 | | |  | |  | | 3 | | 3 | |  | |
|  | |  | | |  | |  | |  | |  | |  | | 選 | | 專利檢索與創作 | | |  | |  | | 3 | | 3 | |  | |
| **小 計** | | |  | | | 14 | |  | | 13 | |  | |  | |  | |  | | | 15 | |  | | 14 | |  | |  | |
| **合 計** | | |  | | | **14** | |  | | **13** | |  | |  | |  | |  | | | **15** | |  | | **14** | |  | |  | |

說明1： 總畢業學分數128學分，通識課程18學分，專業必修78學分，專業選修32學分。

說明2：本表請妥為保存，做為辦理選課、重（補）修、及畢業資格審查之參考。

說明3：本課程時序表若有修訂，將公告於本系網頁及教務處網頁中。

說明4：選修科目可視需要增開、調整學分數及上課時數、調整開課學期。