

# 亞東科技大學 114 學年度 日間部四技工業管理系-國際學生產學合作專班國際產學專班課程計畫總表

教育目標：培育「企業經營決策」及「作業流程管理」理論與實務兼備之製造業基層管理人才。

| 科目類別   |       | 科目代碼    | 科目名稱     | 總學分 | 總時數 | 開課情形 |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    | 備註 |   |
|--------|-------|---------|----------|-----|-----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|----|---|
|        |       |         |          |     |     | 第一學年 |    |     |    | 第二學年 |    |     |    | 第三學年 |    |     |    | 第四學年 |    |     |    |    |   |
|        |       |         |          |     |     | 上學期  |    | 下學期 |    | 上學期  |    | 下學期 |    | 上學期  |    | 下學期 |    | 上學期  |    | 下學期 |    |    |   |
|        |       |         |          |     |     | 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 |    |   |
| 通識課程   | 基礎課程  | 4CC1001 | 初級華語文(一) | 3   | 6   | 3    | 6  |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1002 | 初級華語文(二) | 3   | 6   |      |    | 3   | 6  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1003 | 華語口語溝通   | 4   | 8   | 2    | 4  | 2   | 4  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1004 | 華語文說寫    | 4   | 4   |      |    |     |    | 2    | 2  | 2   | 2  |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1005 | 華語文閱讀    | 4   | 4   |      |    |     |    | 2    | 2  | 2   | 2  |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1006 | 台灣社會與文化  | 2   | 2   | 2    | 2  |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1007 | 運動與健康    | 2   | 2   | 2    | 2  |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1008 | 台灣金融發展史  | 2   | 2   |      |    | 2   | 2  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1009 | 台灣技職教育特色 | 2   | 2   |      |    | 2   | 2  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1010 | 職場倫理     | 2   | 2   |      |    |     |    | 2    | 2  |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4CC1011 | 人際溝通管理   | 2   | 2   |      |    |     |    |      |    |     |    | 2    | 2  |     |    |      |    |     |    |    |   |
|        |       | 4CC1012 | 設計與創新    | 2   | 2   |      |    |     |    |      |    |     |    |      |    | 2   | 2  |      |    |     |    |    |   |
| 通識課程合計 |       |         |          | 32  | 42  | 9    | 14 | 9   | 14 | 6    | 6  | 4   | 4  | 2    | 2  | 2   | 2  | 0    | 0  | 0   | 0  |    |   |
| 專業課程   | 系專業必修 | 4IM1001 | 工業管理概論   | 3   | 3   | 3    | 3  |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1002 | 會計學      | 3   | 3   | 3    | 3  |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1003 | 智慧製造實務   | 3   | 3   | 3    | 3  |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1004 | 管理學      | 3   | 3   |      |    | 3   | 3  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1005 | 智慧生產管理   | 3   | 3   |      |    | 3   | 3  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1006 | 電子商務概論   | 3   | 3   |      |    | 3   | 3  |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1007 | 統計學實務    | 3   | 3   |      |    |     |    | 3    | 3  |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1008 | 作業研究     | 3   | 3   |      |    |     |    |      |    | 3   | 3  |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1009 | 品質管理     | 3   | 3   |      |    |     |    |      |    | 3   | 3  |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1010 | 工作研究實務   | 3   | 3   |      |    |     |    | 3    | 3  |     |    |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1011 | 人因工程實務   | 3   | 3   |      |    |     |    |      |    | 3   | 3  |      |    |     |    |      |    |     |    |    |   |
|        |       | 4IM1015 | 校外實習(一)  | 6   | 24  |      |    |     |    |      |    |     |    | 6    | 24 |     |    |      |    |     |    |    |   |
|        |       | 4IM1016 | 校外實習(二)  | 6   | 24  |      |    |     |    |      |    |     |    |      |    | 6   | 24 |      |    |     |    |    |   |
|        |       | 必修小計    |          |     |     | 45   | 81 | 9   | 9  | 9    | 9  | 6   | 6  | 9    | 9  | 6   | 24 | 6    | 24 | 0   | 0  | 0  | 0 |
|        |       | 專業選修小計  |          |     |     | 51   |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |
| 總計     |       |         |          | 128 |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |   |

畢業總學分 128 學分。其中必修（含通識及專業必修）77 學分、選修至少 51 學分。

系通過時間：114/4/30、院通過時間：114/5/1、校通過時間：114/5/6

系修正時間：115/4/21、院通過時間：115/4/28、校通過時間：115/5/6

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|------|--------|---------|------------|-----|------|----|-----|----|------|----|-----|----|------|----|-----|----|------|----|-----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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|      |        |         |            |     | 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 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 專業課程 | 系專業選修  | 4IM2001 | 華語文輔導課程(一) | 0   | 5    | 0  | 5   |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2002 | 華語文輔導課程(二) | 0   | 3    | 0  | 3   |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2003 | 華語文輔導課程(三) | 0   | 5    |    |     | 0  | 5    |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2004 | 電腦軟體應用     | 3   | 3    |    |     | 3  | 3    |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2005 | 人力資源管理     | 2   | 2    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2006 | 行銷管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2007 | 職業安全衛生概論   | 2   | 2    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2008 | 進階華語文輔導課程  | 0   | 3    |    |     |    |      | 0  | 3   |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2009 | 智慧物流管理     | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2010 | 大數據分析      | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2011 | 企業資源規劃     | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2012 | 計算機程式      | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 管理與成本會計    | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 市場調查與分析    | 2   | 2    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 專案管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 工業4.0      | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        | 4IM2013 | 機器學習       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 智能工廠與智慧生產  | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 設施規劃實務     | 2   | 2    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 智能製造管理實務   | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 知識管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 資訊科技管理     | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 財務管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 勞工安全衛生法規   | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 自動化檢測      | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 管理實務專題     | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 創業管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 顧客關係管理     | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 智慧化排程模擬    | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 電腦輔助繪圖     | 2   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 科技管理導論     | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 物料管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 組織行為與管理    | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 投資管理       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 網路行銷       | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |        |         | 供應鏈管理      | 3   | 3    |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 全面品質管理 | 3       | 3          |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 田口式分析  | 3       | 3          |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 危機管理   | 2       | 2          |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 企業流程再造 | 3       | 3          |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 經濟學    | 3       | 3          |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      | 資訊科技應用 | 3       | 3          |     |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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|               |         |                |     |     | 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 |    |  |  |  |  |  |
| 專業課程<br>系專業選修 |         | 創新產品研發實作       | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               | 4IM2016 | 電腦軟體應用證照輔導     | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 物流證照輔導         | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 企業資源規劃配銷模組證照輔導 | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               | 4IM2017 | 企業資源規劃生管模組證照輔導 | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 生產與作業管理技術師證照輔導 | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 校外實習(三)        | 6   | 24  |      |    |     |    |      |    |     |    |      |    |     |    | 6    | 24 |     |    |    |  |  |  |  |  |
|               | 4IM2991 | 校外實習(四)        | 6   | 24  |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     | 6  | 24 |  |  |  |  |  |
|               | 4IM2014 | AI導論           | 1   | 1   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               | 4IM2015 | 工藝實作           | 1   | 1   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | AI證照輔導         | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 成本會計實作         | 3   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 專題製作(一)        | 1   | 2   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 專題製作(二)        | 1   | 2   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 書報討論(一)        | 1   | 2   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 書報討論(二)        | 1   | 2   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 跨領域實務專題(一)     | 1   | 2   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 跨領域實務專題(二)     | 1   | 2   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 微積分(一)         | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 微積分(二)         | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 統計數據分析         | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 基礎圖學           | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 進階圖學           | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 人機介面實務         | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 人類訊息處理         | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 文書處理           | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 簡報軟體           | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               |         | 自動化資料處理        | 2   | 3   |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |
|               | 專業選修小計  |                |     | 51  |      |    |     |    |      |    |     |    |      |    |     |    |      |    |     |    |    |  |  |  |  |  |