

112學年度日間部 工業工程與管理系 國際學生產學合作專班課程規劃表(春季班)

| 學年度 | 112 | | | | 學年度 | 113 | | | | 學年度 | 114 | | | | | |
|------|------------|----|----------|----|-----|--------------|----------|----|----------|------------|-----|----------|----|----------|----|----|
| | FEB 2024 | | SEP 2024 | | | 科目 | FEB 2025 | | SEP 2025 | | 科目 | FEB 2026 | | SEP 2026 | | |
| | 學分 | 時數 | 學分 | 時數 | | | 學分 | 時數 | 學分 | | | 時數 | 學分 | 時數 | 學分 | 時數 |
| 校必修 | 體育 | 1 | 2 | 1 | 2 | | | | | 台灣社會 | 2 | 2 | | | | |
| | 漢語拼音發音練習 | 1 | 2 | | | | | | | 台灣藝術 | | | 2 | 2 | | |
| | 華語輔導 | 0 | 5 | | | | | | | | | | | | | |
| | 華語聽力練習 | 1 | 2 | | | | | | | | | | | | | |
| | 華語會話練習 | 1 | 2 | | | | | | | | | | | | | |
| | 華語閱讀與理解 | 1 | 2 | | | | | | | | | | | | | |
| | 華語寫作練習 | 1 | 2 | | | | | | | | | | | | | |
| | 華人文學 | | | 3 | 3 | | | | | | | | | | | |
| | 華人文化 | | | 3 | 3 | | | | | | | | | | | |
| | 台灣生活與法律 | | | 2 | 2 | | | | | | | | | | | |
| 台灣文化 | | | 2 | 2 | | | | | | | | | | | | |
| 小計 | 6 | 17 | 11 | 12 | 小計 | 0 | 0 | 0 | 0 | 小計 | 2 | 2 | 2 | 2 | | |
| 院必修 | 商務英文(一)(二) | 2 | 2 | 2 | 2 | | | | | 商務英文(三)(四) | 2 | 2 | 2 | 2 | | |
| | | | | | | | | | | 企業倫理 | | | 2 | 2 | | |
| 小計 | 2 | 2 | 2 | 2 | 小計 | 0 | 0 | 0 | 0 | 小計 | 2 | 2 | 4 | 4 | | |
| 專業必修 | 統計學 | 3 | 3 | | | 產業實務實習(一)(二) | 9 | 9 | 9 | 9 | 會計學 | 3 | 3 | | | |
| | 工業工程概論 | 3 | 3 | | | | | | | 生產管理 | 3 | 3 | | | | |
| | 計算機程式 | | | 3 | 3 | | | | | 品質管理 | 3 | 3 | | | | |
| | 製造工程 | | | 3 | 3 | | | | | 工作研究 | 3 | 3 | | | | |
| | | | | | | | | | | 人力資源管理 | | | 3 | 3 | | |
| | | | | | | | | | | 設施規劃 | | | 3 | 3 | | |
| 小計 | 6 | 6 | 6 | 6 | 小計 | 9 | 9 | 9 | 9 | 物料管理 | | | 3 | 3 | | |
| 專業選修 | 網際網路應用 | 2 | 2 | | | | | | | 統計方法與應用 | | | 3 | 3 | | |
| | 工業安全概論 | | | 3 | 3 | | | | | 工程經濟 | | | 2 | 2 | | |
| | 心理學 | | | 3 | 3 | | | | | 工業工程實務與應用 | | | 2 | 2 | | |
| | 資訊素養 | | | 3 | 3 | | | | | 小計 | 12 | 12 | 16 | 16 | | |
| | | | | | | | | | | 人因工程 | 3 | 3 | | | | |
| | | | | | | | | | | 統計軟體應用 | 3 | 3 | | | | |
| | | | | | | | | | 創意思考概論 | 3 | 3 | | | | | |
| | | | | | | | | | 科技英文導論 | | | 2 | 2 | | | |
| | | | | | | | | | 系統分析與設計 | | | 3 | 3 | | | |
| | | | | | | | | | 行銷管理 | | | 2 | 2 | | | |
| | | | | | | | | | 品質管理實務應用 | | | 3 | 3 | | | |
| | | | | | | | | | 工程報告寫作 | | | 2 | 2 | | | |

| 學年度 | 115 | | | |
|------|--------------|----|----------|----|
| | FEB 2027 | | SEP 2027 | |
| | 學分 | 時數 | 學分 | 時數 |
| 校必修 | | | | |
| | 小計 | 0 | 0 | 0 |
| 院必修 | | | | |
| | 小計 | 0 | 0 | 0 |
| 專業必修 | 實務專題(一)(二) | 1 | 1 | 1 |
| | 小計 | 1 | 1 | 1 |
| 專業選修 | 產業實務實習(三)(四) | 9 | 9 | 9 |
| | 財務管理 | 3 | 3 | |
| | 企業永續發展 | 3 | 3 | |
| | 電子商務 | 3 | 3 | |
| | 物流管理 | | | 3 |
| | 市場調查 | | | 3 |
| 專案管理 | | | 3 | |

| 專業選修課程開課規劃 | |
|------------|----|
| 學期 | 時數 |
| 第一學年第一學期 | 2 |
| 第一學年第二學期 | 9 |
| 第二學年第一學期 | 0 |
| 第二學年第二學期 | 0 |
| 第三學年第一學期 | 9 |
| 第三學年第二學期 | 4 |
| 第四學年第一學期 | 12 |
| 第四學年第二學期 | 12 |
| 開課時數總計 | 48 |

| 項目 | 學分 | 時數 |
|------|-----|-----|
| 校必修 | 21 | 33 |
| 院必修 | 10 | 10 |
| 專業必修 | 60 | 60 |
| 專業選修 | 37 | 37 |
| 合計 | 128 | 140 |

注意事項：課程規劃表於113年01月09日系務會議通過

- 最低畢業學分：128學分；必修學分：91學分
選修學分：37學分（選修學分含跨系選修學分）
- 學生應修習華語輔導課程(0學分5小時)，並於第一學年上學期實施。
- 本系允許跨系選修學分，為本系專業選修學分不得低於25學分。
- 校外實習課程：產業實務實習(一)(二)(三)(四)，一學分至多80小時。
- 表列選修課程僅供參考，依實際狀況調整。

管理學院 院長 林於杏

工管系主任 李得盛



**MUST Curriculum Planning for Undergraduate Students of Academic Year 2023-2027,
Department of Industrial Engineering and Management(Spring 2024,Philippines)**

| Year | | 112 | | | | Year | | 113 | | | | Year | | 114 | | | | |
|--------------------------------------|------------------------------------------------------------|----------|-----|----------|----------|--------------------------------------|---------------------------|----------|-----|----------|--------------------------------------|------------------------------------------|------------|-----------------------------------|-----|----------|-----|---|
| Course | Cr. | FEB 2024 | | SEP 2024 | | Course | Cr. | FEB 2025 | | SEP 2025 | | Course | Cr. | FEB 2026 | | SEP 2026 | | |
| | | Cr. | hr. | Cr. | hr. | | | Cr. | hr. | Cr. | hr. | | | Cr. | hr. | Cr. | hr. | |
| MUST Core Required Courses | Physical Education | 1 | 2 | 1 | 2 | MUST Core Required Courses | | | | | MUST Core Required Courses | Taiwanese Society | 2 | 2 | | | | |
| | Chinese Pinyin & Pronunciation Practice | 1 | 2 | | | | | | | | | | | Taiwanese ART | | | 2 | 2 |
| | Chinese tutor | 0 | 5 | | | | | | | | | | | | | | | |
| | Chinese Listening | 1 | 2 | | | | | | | | | | | | | | | |
| | Chinese Daily Speaking | 1 | 2 | | | | | | | | | | | | | | | |
| | Chinese Reading | 1 | 2 | | | | | | | | | | | | | | | |
| | Chinese Writing | 1 | 2 | | | | | | | | | | | | | | | |
| | Chinese Literature | | | 3 | 3 | | | | | | | | | | | | | |
| | Chinese Culture | | | 3 | 3 | | | | | | | | | | | | | |
| | Taiwanese Classified General Education | | | 2 | 2 | | | | | | | | | | | | | |
| Taiwanese Culture | | | 2 | 2 | | | | | | | | | | | | | | |
| Subtotal | 6 | 17 | 11 | 12 | Subtotal | 0 | 0 | 0 | 0 | Subtotal | 2 | 2 | 2 | 2 | | | | |
| School Professional Required Courses | Business English(I)(II) | 2 | 2 | 2 | 2 | School Professional Required Courses | | | | | School Professional Required Courses | Business English(III)(IV) | 2 | 2 | 2 | 2 | | |
| | Ethics for Business | | | | | | | | | | | | | | | 2 | 2 | |
| Subtotal | 2 | 2 | 2 | 2 | Subtotal | 0 | 0 | 0 | 0 | Subtotal | 2 | 2 | 4 | 4 | | | | |
| compulsory courses | Statistics | 3 | 3 | | | compulsory courses | Professional Practice (I) | 9 | 9 | 9 | 9 | compulsory courses | Accounting | 3 | 3 | | | |
| | Introduction to Industrial Engineering | 3 | 3 | | | | | | | | | | | Production Management | 3 | 3 | | |
| | Computer Programming | | | 3 | 3 | | | | | | | | | Quality Management | 3 | 3 | | |
| | Manufacturing Engineering | | | 3 | 3 | | | | | | | | | Work Study | 3 | 3 | | |
| | | | | | | | | | | | | | | Human Resource Management | | | 3 | 3 |
| | | | | | | | | | | | | | | Facility Planning | | | 3 | 3 |
| Subtotal | 6 | 6 | 6 | 6 | Subtotal | 9 | 9 | 9 | 9 | Subtotal | 12 | 12 | 16 | 16 | | | | |
| Elective Courses | Application for Internet Information or Industrial Ecology | 2 | 2 | | | Elective Courses | | | | | Elective Courses | Human Factors Engineering | 3 | 3 | | | | |
| | Psychology | | | 3 | 3 | | | | | | | | | Application of Statistic Software | 3 | 3 | | |
| | Information Literacy | | | 3 | 3 | | | | | | | | | Introduction to Creative Thinking | 3 | 3 | | |
| | | | | | | | | | | | | Technical English Instruction | | | 2 | 2 | | |
| | | | | | | | | | | | | System Analysis and Design | | | 3 | 3 | | |
| | | | | | | | | | | | | Marketing Management | | | 2 | 2 | | |
| | | | | | | | | | | | | Application Quality Management Practices | | | 3 | 3 | | |
| | | | | | | | | | | | | Engineering Report Writing | | | 2 | 2 | | |

| Year | | 115 | | | |
|--------------------------------------|-----------------------------------------------|----------|-----|----------|-----|
| Course | Cr. | FEB 2027 | | SEP 2027 | |
| | | Cr. | hr. | Cr. | hr. |
| MUST Core Required Courses | | | | | |
| | Subtotal | 0 | 0 | 0 | 0 |
| School Professional Required Courses | | | | | |
| | Subtotal | 0 | 0 | 0 | 0 |
| compulsory courses | Independent Study in Practical Topics (I)(II) | 1 | 1 | 1 | 1 |
| | Subtotal | 1 | 1 | 1 | 1 |
| Elective Courses | Professional Practice (III)(IV) | 9 | 9 | 9 | 9 |
| | Financial Management | 2 | 3 | | |
| | Enterprise for Sustainable Development | 3 | 3 | | |
| | Electronic Commerce | 3 | 3 | | |
| | Logistics Management | | | 3 | 3 |
| | Market Survey | | | 3 | 3 |
| Project Management | | | 3 | 3 | |

Cr./hr.=Credit/hour

Remarks: This Curriculum was approved by the Committee of Department Affairs on January, 03, 2024.

1. Minimum credits required for graduation: 128 credits including 91 compulsory credits, and at least 37 elective credits (including the interdepartmental elective credits).
2. Undergraduate students shall take 5-hour Chinese tutoring courses (0 credits) in the first semester of the first academic year.
3. Inter-departmental elective credits are transferable. Professional elective course credits shall not be fewer than 25.
4. For Intern's course: Professional Practice(I)(II)(III)(IV), 1 credit hour maximum in 80 hours.
5. The elective courses listed in the tables are subject to adaptation when necessary.



工管系 主任 李得盛

管理學院 院長 林於杏