

日間部 110 學年度工業工程與管理系國際學生產學合作專班(春季班)備註修正表

| 修正後   | 修正前   |
|---|---|
| <p>注意事項：課程規劃表於 112 年 09 月 07 日系務會議通過。</p> <p>1.最低畢業學分：128 學分；必修學分：91 學分。<br/>選修學分：37 學分（選修學分含跨系選修學分）</p> <p>2.學生應修習華語輔導課程(0 學分 5 小時)，並於第一學年下學期實施。</p> <p>3.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。</p> <p>4.表列選修課程僅供參考，依實際狀況調整。</p> <p>5.校外實習課程：專業實務實習(一)(二)(三)(四)，一學分至多 80 小時。</p> | <p>注意事項：</p> <p>1.課程規劃表於 110 年 11 月 25 日系務會議通過。</p> <p>2.最低畢業學分：128 學分；必修學分：91 學分。<br/>選修學分：37 學分（選修學分含跨系選修學分）</p> <p>3.學生應修習華語輔導課程(0 學分 5 小時)，並於第一學年下學期實施。</p> <p>4.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。</p> <p>5.表列選修課程僅供參考，依實際狀況調整。</p> <p>6.校外實習課程：專業實務實習(一)(二)(三)(四)，校外實習課程 1 學時等於 60 小時。</p> |

110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(菲律賓春季班)

| 第一學年(110) |            |    |     |    | 第二學年(111) |           |    |     |    | 第三學年(112) |           |    |     |    |   |
|-----------|------------|----|-----|----|-----------|-----------|----|-----|----|-----------|-----------|----|-----|----|---|
| 科目        | 上學期        |    | 下學期 |    | 科目        | 上學期       |    | 下學期 |    | 科目        | 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 |   |
| 校必修       | 華人文學與文化(一) | 3  | 3   |    |           |           |    |     |    | 台灣生活與法律   | 2         | 2  |     |    |   |
|           | 華人文學與文化(二) |    |     | 3  | 3         |           |    |     |    | 台灣社會      | 2         | 2  |     |    |   |
|           | 華語閱讀與理解    | 1  | 2   |    |           |           |    |     |    | 台灣藝術      |           |    | 2   | 2  |   |
|           | 華語寫作練習     |    |     | 1  | 2         |           |    |     |    | 台灣文化      |           |    | 2   | 2  |   |
|           | 漢語拼音發音練習   | 1  | 2   |    |           |           |    |     |    | 英文(三)     | 2         | 2  |     |    |   |
|           | 華語聽力練習     | 1  | 2   |    |           |           |    |     |    | 英文(四)     |           |    | 2   | 2  |   |
|           | 華語會話練習     | 1  | 2   |    |           |           |    |     |    |           |           |    |     |    |   |
|           | 英文(一)      | 2  | 2   |    |           |           |    |     |    |           |           |    |     |    |   |
|           | 英文(二)      |    |     | 2  | 2         |           |    |     |    |           |           |    |     |    |   |
|           | 體育         | 2  | 2   | 2  | 2         |           |    |     |    |           |           |    |     |    |   |
| 小計        | 11         | 15 | 8   | 9  | 小計        | 0         | 0  | 0   | 0  | 小計        | 6         | 6  | 6   | 6  |   |
| 院必修       |            |    |     |    |           |           |    |     |    |           |           |    |     |    |   |
|           | 小計         | 0  | 0   | 0  | 0         | 小計        | 0  | 0   | 0  | 0         | 小計        | 0  | 0   | 0  | 0 |
| 通識教育      |            |    |     |    |           |           |    |     |    |           |           |    |     |    |   |
|           | 小計         | 0  | 0   | 0  | 0         | 小計        | 0  | 0   | 0  | 0         | 小計        | 0  | 0   | 0  | 0 |
| 系專業必修     | 統計學        | 3  | 3   |    |           | 專業實務實習(一) | 9  | 9   |    |           | 會計學       | 3  | 3   |    |   |
|           | 工業工程概論     | 3  | 3   |    |           | 專業實務實習(二) |    |     | 9  | 9         | 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 |
|           |            |    |     |    |           |           |    |     |    |           | 物料管理      |    |     | 3  | 3 |
|           |            |    |     |    |           |           |    |     |    |           | 統計方法與應用   |    |     | 3  | 3 |
|           |            |    |     |    |           |           |    |     |    |           | 工程經濟      |    |     | 2  | 2 |
|           | 小計         | 6  | 6   | 6  | 6         | 小計        | 9  | 9   | 9  | 9         | 工業工程實務與應用 |    |     | 2  | 2 |
| 系專業選修     | 心理學        |    |     | 3  | 3         |           |    |     |    | 資訊管理      | 3         | 3  |     |    |   |
|           | 工業安全概論     |    |     | 3  | 3         |           |    |     |    | 工程報告寫作    | 2         | 2  |     |    |   |
|           | 網路網路應用     |    |     | 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  |   |
|           |            |    |     |    |           |           |    |     |    | 人因工程      |           |    | 3   | 3  |   |
|           |            |    |     |    |           |           |    |     |    | 品質管理實務應用  |           |    | 3   | 3  |   |
|           | 小計         |    |     |    |           |           |    |     |    | 小計        | 12        | 12 | 16  | 16 |   |

| 第四學年(113) |           |    |     |    |   |
|-----------|-----------|----|-----|----|---|
| 科目        | 上學期       |    | 下學期 |    |   |
|           | 學分        | 時數 | 學分  | 時數 |   |
| 校必修       |           |    |     |    |   |
|           | 小計        | 0  | 0   | 0  | 0 |
| 院必修       |           |    |     |    |   |
|           | 小計        | 0  | 0   | 0  | 0 |
| 通識教育      |           |    |     |    |   |
|           | 小計        | 0  | 0   | 0  | 0 |
| 系專業必修     | 實務專題(一)   | 1  | 1   |    |   |
|           | 實務專題(二)   |    |     | 1  | 1 |
| 系專業選修     | 專業實務實習(三) | 9  | 9   |    |   |
|           | 專業實務實習(四) |    |     | 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  | 3 |
|           | 市場調查      |    |     | 3  | 3 |
|           | 專案管理      |    |     | 3  | 3 |
| 小計        | 1         | 1  | 1   | 1  |   |

| 專業選修課程開課規劃 |    |
|------------|----|
| 學期         | 時數 |
| 第一學年第一學期   | 0  |
| 第一學年第二學期   | 6  |
| 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   | 8  |
| 第三學年第二學期   | 4  |
| 第四學年第一學期   | 15 |
| 第四學年第二學期   | 15 |
| 開課時數總計     | 48 |

注意事項：課程規劃表於112年09月07日系務會議通過。

1.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）

2.學生應修習華語輔導課程(0學分5小時)，並於第一學年下學期實施。

3.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。

4.表列選修課程僅供參考，依實際狀況調整。

5.校外實習課程：專業實務實習(一)(二)(三)(四)，一學分至多80小時。



工管系 李得盛 主任

管理學院 林於杏 院長

MUST Curriculum Planning for Undergraduate Students of Academic Year 2022-2026,  
Department of Industrial Engineering and Management( Spring 2022,Philippines )

| 1 <sup>st</sup> year(110)(2022-2-2023-1) |   |                          |           |                          | 2 <sup>nd</sup> year(111)(2023-2-2024-1) |                                      |                           |                            |          | 3 <sup>rd</sup> year(112)(2024-2-2025-1) |  |                                      |  |                           |                       |                          |           |   |  |
|--|---|--------------------------|-----------|--------------------------|--|--------------------------------------|---------------------------|----------------------------|----------|--|--|--------------------------------------|--|---------------------------|-----------------------|--------------------------|-----------|---|--|
|  | Course                                  | 1 <sup>st</sup> semester |           | 2 <sup>nd</sup> semester |  |                                      | Course                    | 1 <sup>st</sup> semester   |          | 2 <sup>nd</sup> semester                 |  |                                      | Course   | 1 <sup>st</sup> semester  |                       | 2 <sup>nd</sup> semester |           |   |  |
|  |   | Cr.                      | hr.       | Cr.                      | hr.                                      |                                      |                           | Cr.                        | hr.      | Cr.                                      | hr.                                      |                                      |  | Cr.                       | hr.                   | Cr.                      | hr.       |   |  |
| MUST Core Required Courses               | Chinese Literature and Culture (I)      | 3                        | 3         |                          |  | MUST Core Required Courses           |                           |                            |          |  | MUST Core Required Courses               | Taiwan living and regulation         | 2  | 2                         |                       |                          |           |   |  |
|  | Chinese Literature and Culture (II)     |                          |           | 3                        | 3  |                                      |                           |                            |          |  |  |                                      |  | Taiwanese Society         | 2                     | 2                        |           |   |  |
|  | Chinese Reading                         | 1                        | 2         |                          |  |                                      |                           |                            |          |  |  |                                      |  | Taiwanese Art             |                       |                          | 2         | 2 |  |
|  | Chinese Pinyin & Pronunciation Practice |                          |           | 1                        | 2  |                                      |                           |                            |          |  |  |                                      |  | Taiwanese Culture         |                       |                          | 2         | 2 |  |
|  | Chinese Writing                         | 1                        | 2         |                          |  |                                      |                           |                            |          |  |  |                                      |  | English(III)              | 2                     | 2                        |           |   |  |
|  | Chinese Listening                       | 1                        | 2         |                          |  |                                      |                           |                            |          |  |  |                                      |  | English(IV)               |                       |                          | 2         | 2 |  |
|  | Chinese Daily Speaking                  | 1                        | 2         |                          |  |                                      |                           |                            |          |  |  |                                      |  |                           |                       |                          |           |   |  |
|  | English (I)                             | 2                        | 2         |                          |  |                                      |                           |                            |          |  |  |                                      |  |                           |                       |                          |           |   |  |
|  | English (II)                            |                          |           | 2                        | 2  |                                      |                           |                            |          |  |  |                                      |  |                           |                       |                          |           |   |  |
|  | Physical Education                      | 2                        | 2         | 2                        | 2  |                                      |                           |                            |          |  |  |                                      |  |                           |                       |                          |           |   |  |
| <b>Subtotal</b>                          |   | <b>11</b>                | <b>15</b> | <b>8</b>                 | <b>9</b>                                 |                                      | <b>Subtotal</b>           | <b>0</b>                   | <b>0</b> | <b>0</b>                                 | <b>0</b>                                 |                                      | <b>Subtotal</b>                                    | <b>6</b>                  | <b>6</b>              | <b>6</b>                 | <b>6</b>  |   |  |
| School Professional Required Courses     |   |                          |           |                          |  | School Professional Required Courses |                           |                            |          |  |  | School Professional Required Courses |  |                           |                       |                          |           |   |  |
| <b>Subtotal</b>                          |   | <b>0</b>                 | <b>0</b>  | <b>0</b>                 | <b>0</b>                                 |                                      | <b>Subtotal</b>           | <b>0</b>                   | <b>0</b> | <b>0</b>                                 | <b>0</b>                                 |                                      | <b>Subtotal</b>                                    | <b>0</b>                  | <b>0</b>              | <b>0</b>                 | <b>0</b>  |   |  |
| General Education                        |   |                          |           |                          |  | General Education                    |                           |                            |          |  |  | General Education                    |  |                           |                       |                          |           |   |  |
| <b>Subtotal</b>                          |   | <b>0</b>                 | <b>0</b>  | <b>0</b>                 | <b>0</b>                                 |                                      | <b>Subtotal</b>           | <b>0</b>                   | <b>0</b> | <b>0</b>                                 | <b>0</b>                                 |                                      | <b>Subtotal</b>                                    | <b>0</b>                  | <b>0</b>              | <b>0</b>                 | <b>0</b>  |   |  |
| Department compulsory courses            | Statistics                              | 3                        | 3         |                          |  | Department compulsory courses        | Professional Practice (I) | 9                          | 9        |  |  | Department compulsory courses        | Accounting   | 3                         | 3                     |                          |           |   |  |
|  | Introduction to Industrial Engineering  | 3                        | 3         |                          |  |                                      |                           | Professional Practice (II) |          |  | 9  |                                      | 9  |                           | 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 |  |
| <b>Subtotal</b>                          |   | <b>6</b>                 | <b>6</b>  | <b>6</b>                 | <b>6</b>                                 |                                      | <b>Subtotal</b>           | <b>9</b>                   | <b>9</b> | <b>9</b>                                 | <b>9</b>                                 |                                      | <b>Subtotal</b>                                    | <b>12</b>                 | <b>12</b>             | <b>16</b>                | <b>16</b> |   |  |
| Department Elective Courses              | Psychology                              |                          |           | 3                        | 3  | Department Elective Courses          |                           |                            |          |  | Department Elective Courses              | Information Literacy                 | 3  | 3                         |                       |                          |           |   |  |
|  | Introduction of Industrial Safety       |                          |           | 3                        | 3  |                                      |                           |                            |          |  |  |                                      | Engineering Report Writing                         | 2                         | 2                     |                          |           |   |  |
|  | Application for Internet                |                          |           | 3                        | 3  |                                      |                           |                            |          |  |  |                                      | Apply Statistic Software in Industrial Engineering | 3                         | 3                     |                          |           |   |  |
|  |   |                          |           |                          |  |                                      |                           |                            |          |  |  |                                      | Introduction to Creative Thinking                  | 3                         | 3                     |                          |           |   |  |
|  |   |                          |           |                          |  |                                      |                           |                            |          |  | Technical English Instruction            |                                      |  | 2                         | 2                     |                          |           |   |  |
|  |   |                          |           |                          |  |                                      |                           |                            |          |  | System Analysis and Design               |                                      |  | 3                         | 3                     |                          |           |   |  |
|  |   |                          |           |                          |  |                                      |                           |                            |          |  | Marketing Management                     |                                      |  | 2                         | 2                     |                          |           |   |  |
|  |   |                          |           |                          |  |                                      |                           |                            |          |  | Human Factors Engineering                |                                      |  | 3                         | 3                     |                          |           |   |  |
|  |   |                          |           |                          |  |                                      |                           |                            |          |  | Application Quality Management Practices |                                      |  | 3                         | 3                     |                          |           |   |  |

| 4 <sup>th</sup> year(113)(2025-2-2026-1) |  |                          |          |                          |          |
|--|--|--------------------------|----------|--------------------------|----------|
|  | Course                                     | 1 <sup>st</sup> semester |          | 2 <sup>nd</sup> semester |          |
|  |  | Cr.                      | hr.      | Cr.                      | hr.      |
| MUST Core Required Courses               |  |                          |          |                          |          |
| <b>Subtotal</b>                          |  | <b>0</b>                 | <b>0</b> | <b>0</b>                 | <b>0</b> |
| School Professional Required Courses     |  |                          |          |                          |          |
| <b>Subtotal</b>                          |  | <b>0</b>                 | <b>0</b> | <b>0</b>                 | <b>0</b> |
| General education                        |  |                          |          |                          |          |
| <b>Subtotal</b>                          |  | <b>0</b>                 | <b>0</b> | <b>0</b>                 | <b>0</b> |
| Department compulsory courses            | Independent Study in Practical Topics (I)  | 1                        | 1        |                          |          |
|  | Independent Study in Practical Topics (II) |                          |          | 1                        | 1        |
| <b>Subtotal</b>                          |  | <b>1</b>                 | <b>1</b> | <b>1</b>                 | <b>1</b> |
| Department Elective Courses              | Professional Practice (III)                | 9                        | 9        |                          |          |
|  | Professional Practice (IV)                 |                          |          | 9                        | 9        |
|  | Financial Management                       | 3                        | 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 Committee of Department Affairs on September 7, 2023.

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 second semester of the first academic year.
3. Inter-departmental elective credits are transferable. Professional elective course credits shall not be fewer than 25.
4. The elective courses listed in the tables are subject to adaptation when necessary.
5. For Intern's course: Professional Practice(I)(II)(III)(IV). 1 credit hour maximum to 80 hours.

