

# 104學年度 資訊管理系 四技全學程開課時序表

| 第一學年(104) |                   |    |      |    |    |
|-----------|-------------------|----|------|----|----|
| 科目        | 第一學期              |    | 第二學期 |    |    |
|           | 學分                | 時數 | 學分   | 時數 |    |
| 必修        | ☆體育               | 0  | 2    | 0  | 2  |
|           | ☆全民國防教育軍事訓練(一)(二) | 0  | 2    | 0  | 2  |
|           | ◎中文領域(一)(二)       | 3  | 3    | 3  | 3  |
|           | ◎英文(一)(二)         | 3  | 3    | 3  | 3  |
|           | ◎史學領域             | 2  | 2    |    |    |
|           | ◎法學領域             |    |      | 2  | 2  |
|           | △基礎數學應用(一)(二)     | 3  | 3    | 3  | 3  |
|           | ▲經濟學(一)(二)        | 2  | 2    | 2  | 2  |
|           | ▲管理學              | 3  | 3    |    |    |
|           | ※程式設計入門           | 3  | 4    |    |    |
| 選修        | ※計算機概論            | 3  | 3    |    |    |
|           | ※程式設計             |    |      | 3  | 4  |
|           | ※資料結構             |    |      | 3  | 3  |
|           | 學期修課              | 22 | 27   | 19 | 24 |
|           | 創意影像處理            |    |      | 3  | 3  |
|           | 英檢初級課程            |    |      | 3  | 3  |
|           | 網際網路實務            |    |      | 2  | 2  |
|           |                   |    |      |    |    |
|           |                   |    |      |    |    |
|           |                   |    |      |    |    |

| 第二學年(105) |                |    |      |    |    |
|-----------|----------------|----|------|----|----|
| 科目        | 第一學期           |    | 第二學期 |    |    |
|           | 學分             | 時數 | 學分   | 時數 |    |
| 必修        | ☆體育            | 0  | 2    | 0  | 2  |
|           | ◎英文(三)(四)      | 2  | 2    | 2  | 2  |
|           | ※證照輔導          | 1  | 1    |    |    |
|           | ▲統計學(一)        | 3  | 3    |    |    |
|           | ▲統計學(二)        |    |      | 3  | 3  |
|           | ▲會計學(一)(二)     | 2  | 3    | 2  | 3  |
|           | ※資訊管理          | 3  | 3    |    |    |
|           | ※JAVA程式設計      | 3  | 3    |    |    |
|           | ※視窗作業系統管理與安全實務 | 3  | 3    |    |    |
|           | ※資料庫理論與設計      | 3  | 4    |    |    |
| 選修        | ※管理資訊系統        |    |      | 3  | 3  |
|           | ※電腦網路          |    |      | 3  | 3  |
|           | ※資料庫管理系統       |    |      | 3  | 3  |
|           | 學期修課           | 20 | 24   | 16 | 19 |
|           | 網頁程式設計         | 3  | 3    |    |    |
|           | 多媒體動畫設計        | 3  | 3    |    |    |
|           | 商用程式設計         |    |      | 3  | 3  |
|           | 進階JAVA程式設計     |    |      | 3  | 3  |
|           |                |    |      |    |    |
|           |                |    |      |    |    |

| 第三學年(106) |              |    |      |    |   |
|-----------|--------------|----|------|----|---|
| 科目        | 第一學期         |    | 第二學期 |    |   |
|           | 學分           | 時數 | 學分   | 時數 |   |
| 必修        | ◎分類通識        | 2  | 2    | 2  | 2 |
|           | ※電子商務        | 3  | 3    |    |   |
|           | ※系統分析與設計     | 3  | 3    |    |   |
|           | ※Linux系統管理實務 | 3  | 3    |    |   |
|           | ※企業資源規劃系統    | 3  | 3    |    |   |
|           | ※實務專題        | 1  | 1    | 1  | 1 |
|           | ◎企業倫理        |    |      | 2  | 2 |
|           |              |    |      |    |   |
|           |              |    |      |    |   |
|           |              |    |      |    |   |
| 選修        | 學期修課         | 15 | 15   | 5  | 5 |
|           | 立體動畫設計       | 3  | 3    |    |   |
|           | 網路互連技術       | 3  | 3    |    |   |
|           | 資訊安全         | 3  | 3    |    |   |
|           | 資料庫實務        | 3  | 3    |    |   |
|           | 生產管理         | 3  | 3    |    |   |
|           | APP程式設計實務    | 3  | 3    |    |   |
|           | 網路商店設計實務     |    |      | 3  | 3 |
|           | 無線電腦網路       |    |      | 3  | 3 |
|           | 網路規劃與管理      |    |      | 3  | 3 |
| 修         | 電子商務建置實務     |    |      | 3  | 3 |
|           | 企業資源規劃實務     |    |      | 3  | 3 |
|           | 商用資料庫        |    |      | 3  | 3 |
|           | 行銷管理         |    |      | 3  | 3 |
|           | 電子商務安全       |    |      | 3  | 3 |
|           | 作業研究         |    |      | 3  | 3 |
|           | 物件導向系統分析     |    |      | 3  | 3 |
|           |              |    |      |    |   |
|           |              |    |      |    |   |
|           |              |    |      |    |   |

| 第四學年(107) |             |    |      |    |   |
|-----------|-------------|----|------|----|---|
| 科目        | 第一學期        |    | 第二學期 |    |   |
|           | 學分          | 時數 | 學分   | 時數 |   |
| 必修        | ◎分類通識       | 2  | 2    | 2  | 2 |
|           | ※資管證照       |    |      | 1  | 1 |
| 選修        | 學期修課        | 2  | 2    | 3  | 3 |
|           | 知識管理        | 3  | 3    |    |   |
| 修         | 網頁資料庫       | 3  | 3    |    |   |
|           | 企業流程管理      | 3  | 3    |    |   |
|           | 軟體專案管理      | 3  | 3    |    |   |
|           | 財務管理        | 3  | 3    |    |   |
|           | 無線網路安全      | 3  | 3    |    |   |
|           | 電子化企業經營與管理  | 3  | 3    |    |   |
|           | 企業管理實務      | 3  | 3    |    |   |
|           | 現場作業實務      | 3  | 3    |    |   |
|           | 工作倫理        | 3  | 3    |    |   |
|           | 網際服務軟體工程    |    |      | 3  | 3 |
|           | 供應鏈管理       |    |      | 3  | 3 |
|           | 資料探勘        |    |      | 3  | 3 |
|           | 行動通訊        |    |      | 3  | 3 |
|           | 資訊安全管理      |    |      | 3  | 3 |
|           | 雲端虛擬化系統管理實務 |    |      | 3  | 3 |
|           | 企業資訊管理實務    |    |      | 3  | 3 |
|           | 職能發展實務      |    |      | 3  | 3 |
|           | 職場倫理        |    |      | 3  | 3 |

| 項目         | 學分  | 時數  |
|------------|-----|-----|
| ◎通識課程      | 30  | 30  |
| △專業基礎      | 6   | 6   |
| ▲專業基礎(院必修) | 14  | 16  |
| ※專業必修      | 52  | 55  |
| 專業選修       | 31  | 31  |
| 合計         | 133 | 138 |

| 項目          | 學分 | 時數 |
|-------------|----|----|
| ☆體育         | 0  | 8  |
| ☆全民國防教育軍事訓練 | 0  | 4  |

備註：

- 1.本校訂有學生基本能力與畢業門檻實施辦法。
- 2.學生需修習勞作教育(0學分4小時)，並於第一學年上下二學期實施。
- 3.一~三年級每學期應修習16~24學分，四年級每學期應修習9~27學分。
- 4.最低畢業學分：133學分；必修學分：102學分。  
選修學分：31學分(選修學分含跨系選修學分)。
- 5.本系允許跨系選修，惟本系專業選修學分(含核准學程之跨系選修)不得低於19學分。
- 6.產業電子化學程、資通安全學程、軟體工程學程，經申請核准後所有選修學分皆可承認列入系選修。
- 7.參加校外實習教學之實習期間為四上與四下，實習同學應自下列六門課選修校外實習課程  
'企業管理實務'、'工作倫理'、'現場作業實務'、'企業資訊管理實務'、'職能發展實務'、'職場倫理'。  
非校外實習教學同學不得選修上列課程。校外實習課程皆列入系選修學分。
- 8.需辦理學分抵免申請者，請於修課前先向系上提出申請。
- 9.學分抵免對象為轉學生、轉系生，任何抵免問題須備齊相關文件，並經由系上認可後，方可抵免。
- 10.畢業年級相當於國內高級中等學校二年級之國外或香港、澳門同類同級學校畢業生，以同等學力修讀本校學士學位者，其畢業學分應依備註4規定及另行增修至少十二專業選修學分，並得延長修業期限至三學年。
- 11.表列選修課程僅供參考，依實際狀況調整。

# MUST Course Selection Guideline for Undergraduate Students of Academic Year 2015-2018, Department of Information Management

| Year I (2015)   |                                 |              |                     |              |     |
|---|---------------------------------|--------------|---------------------|--------------|-----|
|   | Course title                    | 1st semester |                     | 2nd semester |     |
|   |                                 | Cr.          | Hr.                 | Cr.          | Hr. |
|   |                                 | C            | ☆Physical Education | 0            | 2   |
| ※All-out Defense Education Military Training (I) (II) | 0                               |              | 2                   | 0            | 2   |
| ◎Collegiate Chinese (I)(II)                           | 3                               |              | 3                   | 3            | 3   |
| ◎English (I)(II)                                      | 3                               |              | 3                   | 3            | 3   |
| ◎Chinese and World History                            | 2                               |              | 2                   |              |     |
| ◎Fundamentals of Law                                  |                                 |              |                     | 2            | 2   |
| △Applied Basic Mathematics (I)(II)                    | 3                               |              | 3                   | 3            | 3   |
| ▲Economics (I)(II)                                    | 2                               |              | 2                   | 2            | 2   |
| ▲Management   | 3                               |              | 3                   |              |     |
| ※An Approach to Programming Language                  | 3                               |              | 4                   |              |     |
| ※Introduction to Computer Science                     | 3                               |              | 3                   |              |     |
| ※Programming Design                                   |                                 |              |                     | 3            | 4   |
| ※Data Structure                                       |                                 |              |                     | 3            | 3   |
|   |                                 |              |                     |              |     |
|   |                                 |              |                     |              |     |
| Summation   |                                 | 22           | 27                  | 19           | 24  |
| E   | Creative Image Processing       |              |                     | 3            | 3   |
|   | Ready for GEPT Elementary Level |              |                     | 3            | 3   |
|   | Internet Practice               |              |                     | 2            | 2   |
|   |                                 |              |                     |              |     |
|   |                                 |              |                     |              |     |
|   |                                 |              |                     |              |     |

| Year II (2016)                                  |                             |              |                     |              |     |
|---|-----------------------------|--------------|---------------------|--------------|-----|
|   | Course title                | 1st semester |                     | 2nd semester |     |
|   |                             | Cr.          | Hr.                 | Cr.          | Hr. |
|   |                             | C            | ☆Physical Education | 0            | 2   |
| ◎English (III)(IV)                              | 2                           |              | 2                   | 2            | 2   |
| ※License Tutor                                  | 1                           |              | 1                   |              |     |
| ▲Statistics (I)                                 | 3                           |              | 3                   |              |     |
| ※Statistics (II)                                |                             |              |                     | 3            | 3   |
| ▲Accounting (I)(II)                             | 2                           |              | 3                   | 2            | 3   |
| ※Management Information                         | 3                           |              | 3                   |              |     |
| ※Java Programming                               | 3                           |              | 3                   |              |     |
| ※Window System Management and Security Practice | 3                           |              | 3                   |              |     |
| ※Theory and Analysis of Database                | 3                           |              | 4                   |              |     |
| ※Management Information System                  |                             |              |                     | 3            | 3   |
| ※Computer Network                               |                             |              |                     | 3            | 3   |
| ※ Database Management System                    |                             |              |                     | 3            | 3   |
|   |                             |              |                     |              |     |
|   |                             |              |                     |              |     |
| Summation                                       |                             | 20           | 24                  | 16           | 19  |
| E   | Object-Oriented Programming | 3            | 3                   |              |     |
|   | Multimedia and Animation    | 3            | 3                   |              |     |
|   | Web Programming             |              |                     | 3            | 3   |
|   | Advanced Java Programming   |              |                     | 3            | 3   |
|   |                             |              |                     |              |     |
|   |                             |              |                     |              |     |
|   |                             |              |                     |              |     |
|   |                             |              |                     |              |     |
|   |                             |              |                     |              |     |
|   |                             |              |                     |              |     |

| Year III (2017)                          |   |              |                               |              |     |
|--|---|--------------|-------------------------------|--------------|-----|
|  | Course title                                | 1st semester |                               | 2nd semester |     |
|  |   | Cr.          | Hr.                           | Cr.          | Hr. |
|  |   | C            | ◎Classified General Education | 2            | 2   |
| ※Electronic Commerce                     | 3   |              | 3                             |              |     |
| ※System Analysis and Design              | 3   |              | 3                             |              |     |
| ※The Practice of Linux System Management | 3   |              | 3                             |              |     |
| ※Enterprise Resource Planning System     | 3   |              | 3                             |              |     |
| ※Project of Information Management       | 1   |              | 1                             | 1            | 1   |
| ◎Ethics for Business                     |   |              |                               | 2            | 2   |
|  |   |              |                               |              |     |
|  |   |              |                               |              |     |
|  |   |              |                               |              |     |
| Summation                                |   | 15           | 15                            | 5            | 5   |
| E  | 3D Animation Design                         | 3            | 3                             |              |     |
|  | Inter-networking                            | 3            | 3                             |              |     |
|  | Information Security                        | 3            | 3                             |              |     |
|  | Practice of Database Management System      | 3            | 3                             |              |     |
|  | Operation Management                        | 3            | 3                             |              |     |
|  | Database Application Language Programming   | 3            | 3                             |              |     |
|  | E-Shop Design and Practices                 |              |                               | 3            | 3   |
|  | Wireless Networks                           |              |                               | 3            | 3   |
|  | Network Planning & Management               |              |                               | 3            | 3   |
|  | E-commerce System Design and Implementation |              |                               | 3            | 3   |
|  | ERP Practice                                |              |                               | 3            | 3   |
|  | Commercial Database                         |              |                               | 3            | 3   |
| Marketing Management                     |   |              | 3                             | 3            |     |
| E-commerce Security                      |   |              | 3                             | 3            |     |
| Operation Research                       |   |              | 3                             | 3            |     |
| Object-Oriented System Analysis          |   |              | 3                             | 3            |     |

| Year IV (2018)    |   |              |                               |              |     |
|-------------------|---|--------------|-------------------------------|--------------|-----|
|                   | Course title  | 1st semester |                               | 2nd semester |     |
|                   |   | Cr.          | Hr.                           | Cr.          | Hr. |
|                   |   | C            | ◎Classified General Education | 2            | 2   |
| ※MIS Certificates |   |              |                               | 1            | 1   |
|                   |   |              |                               |              |     |
|                   |   |              |                               |              |     |
|                   |   |              |                               |              |     |
| Summation         |   | 2            | 2                             | 3            | 3   |
| E                 | Knowledge Management                                    | 3            | 3                             |              |     |
|                   | Database Application                                    | 3            | 3                             |              |     |
|                   | Business Process Management                             | 3            | 3                             |              |     |
|                   | Software Project Management                             | 3            | 3                             |              |     |
|                   | Financial Management                                    | 3            | 3                             |              |     |
|                   | Wireless Network Security                               | 3            | 3                             |              |     |
|                   | Electronic Business Operation and Management            | 3            | 3                             |              |     |
|                   | Practice in Business Management                         | 3            | 3                             |              |     |
|                   | Shop-Floor Operations Practice                          | 3            | 3                             |              |     |
|                   | Work Ethics   | 3            | 3                             |              |     |
|                   | Web Service Engineering                                 |              |                               | 3            | 3   |
|                   | Supply Chain Management                                 |              |                               | 3            | 3   |
|                   | Data Mining   |              |                               | 3            | 3   |
|                   | Mobile Communications                                   |              |                               | 3            | 3   |
|                   | Information Security Management system                  |              |                               | 3            | 3   |
|                   | Virtualization System Administration Practices in Cloud |              |                               | 3            | 3   |
|                   | Business Information Management Practice                |              |                               | 3            | 3   |
|                   | Employment development practice                         |              |                               | 3            | 3   |
|                   | Employment Ethics                                       |              |                               | 3            | 3   |
|                   |   |              |                               |              |     |
|                   |   |              |                               |              |     |

| Course type                                       | Cr.        | Hr.        |
|---|------------|------------|
| ◎General Education Courses                        | 30         | 30         |
| △Basic Professional Courses (required by school)  | 6          | 6          |
| ▲Basic Professional Courses (required by college) | 14         | 16         |
| ※Required Professional Courses                    | 52         | 55         |
| Elective Courses                                  | 31         | 31         |
| <b>Total</b>                                      | <b>133</b> | <b>138</b> |

| Course type                                  | Cr. | Hr. |
|--|-----|-----|
| ☆Physical Education                          | 0   | 8   |
| ※All-out national defense education training | 0   | 4   |

Remarks:

1. According to university regulations, students are required to meet the graduation requirement of basic language proficiency and profession skills
2. Undergraduate students shall take 4 hours Service Education courses (0 credits) in the first and second semester of the first academic year.
3. Undergraduate students shall take 16-24 credits every semester for the 1st, 2nd and 3rd academic years and 9-27 credits each semester during the 4th academic year.
4. Minimum credits required for graduation: 133 credits including 102 compulsory credits, and at least 31 elective credits (including the interdepartmental elective credits).
5. Inter-institution elective credits are transferable. Professional elective course credits (including department approved professional program credits) shall not be less than 19.
6. After approval by the curriculum committee, courses from the Information & Electronic Industries Program, the Information & Communication Security Program, and the Software Engineering Program can be counted as elective credits.
7. The training period of the Off-Campus Program: students may take the Off-Campus Program only in the fall semester and spring semester of their 4th academic year. They must select three off-campus courses including Business Management on the Shop Floor, Shop Floor Operations Practice, Business Information Management Practice, Employment Development Practice, Employment Ethics and Work Ethics and make up their required General Education course in other semesters. Those who choose not to participate in the Off-Campus internship Program can't take the three courses listed above.
8. A course may be waived if the student can show that she or he has completed an equivalent course at another college or institution. Before taking such courses, students should apply for departmental approval.
9. All transfer students need to apply for waivers with appropriate documentation which will be evaluated for approval by the department.
10. International, Hong Kong or Macau students who have obtained graduation equivalent to 2nd year Taiwan High School and are studying for degrees at the University must study the credits according to Remark 4 and additional 12 elective credits, and their length of study may be extended for a maximum of 3 years.
11. Elective courses in the accompanying list are for reference, and would be adjusted according to the real status.

C/E = Compulsory / Elective  
Cr./Hr.=Credit/Hour