



教學計劃表 Syllabus

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| 課程名稱(中文) Course Name in Chinese | 會計資訊系統 | 學年/學期 Academic Year/Semester | 115/1 |
| 課程名稱(英文) Course Name in English | Accounting Information Systems | | |
| 科目代碼 Course Code | ACIM20120 | 系級 Department & Year | 學二 Course-Offering Department |
| 修別 Type | 學程 Program | 學分數/時間 Credit(s)/Hour(s) | 3.0/3.0 |
| 授課教師 Instructor | /吳世彬 | | |
| 先修課程 Prerequisite | | | |
| 課程描述 Course Description | | | |
| This course provides an introduction to the fundamentals of accounting information systems. Major topics include the conceptual foundations of AIS, data analytics, internal controls, AIS applications, and the systems development process. The course highlights key ideas from the textbook and incorporates practical examples using Excel and Python to demonstrate how data are transformed into useful information. The lecturer also encourages students to ask questions. The lecturer reserves the right to adjust the course content as needed. | | | |
| 課程目標 Course Objectives | | | |
| 教導學生了解資訊技術，內部控制觀念，及會計資訊系統內各交易循環的活動，控制要素，及流程。 | | | |
| 系專業能力 Basic Learning Outcomes | | | 課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.'s Education Objectives |
| A | 兼具會計資訊理論與實務操作及專業知識，具備跨領域解決問題能力 | | ● |
| B | 具有良好之會計資訊理論基礎與分析能力，具備相關領域升學或就業之知識與能力 | | ● |
| C | 具備以資訊技術協助企業運作與商業管理之知識與應用能力 | | ● |
| D | 具有會計資訊、風險控管、電腦審計與稅務整合能力 | | ○ |
| E | 具備超然獨立並嚴格遵守會計資訊專業倫理的道德勇氣 | | ○ |
| F | 具備團隊合作、國際視野、創造性思考及良好的外語能力 | | ○ |
| 圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated | | | |
| 授課進度表 Teaching Schedule & Content | | | |
| 週次Week | 內容 Subject/Topics | | 備註Remarks |
| 1 | Introduction to the Lecture Rules / Ch 01 Accounting Information Systems: An Overview | | Sep. /08/2026 |
| 2 | Ch 02 Overview of Transaction Processing and Enterprise Resource Planning Systems / Ch 03 Systems Documentation Techniques / Introducing Excel | | Sep. /15/2026 |

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| 3 | Ch 05 Introduction to Data Analytics in Accounting / Ch 06 Transforming Data / Introducing Excel | Sep. /22/2026 |
| 4 | Introducing Excel [Announcement] Assignment (1): Excel by using Google Sheets | Sep. /29/2026 |
| 5 | Ch 10 Control and Accounting Information Systems / Ch 11 Controls of Information Security | Oct. /06/2026 |
| 6 | Ch 08 Fraud and Errors / Ch 09 Computer Fraud and Abuse Techniques / Ch 14 The Revenue Cycle: Sales to Cash Collections / | Oct. /13/2026 |
| 7 | Ch 22 Introduction to Systems Development and Systems Analysis / Ch 23 AIS Development Strategies | Oct. /20/2026 |
| 8 | Midterm Exam | Oct. /27/2026 |
| 9 | Ch 04 Relational Databases / Introducing Python by using Google Colab | Nov. /03/2026 |
| 10 | Ch 04 Relational Databases / Introducing Python by using Google Colab [Announcement] Assignment (2): Python | Nov. /10/2026 |
| 11 | Introducing Python by using Google Colab [Announcement] Assignment (3): Python with SQLite by using Google Colab (Python SQLite) | Nov. /17/2026 |
| 12 | Introducing Power BI | Nov. /24/2026 |
| 13 | Introducing Power BI [Announcement] Assignment (4): Power BI | Dec. /01/2026 |
| 14 | Applying Power BI to Illustration [Announcement] Assignment (5): Power BI | Dec. /08/2026 |
| 15 | Applying Power BI to Illustration | Dec. /15/2026 |
| 16 | Excel, Python, and Power BI [Announcement] Assignment (6): Report for the tools you have learned | Dec. /22/2026 |
| 17 | 期末考試週 Final Exam | Dec. /29/2026 |

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| 彈性 教學 規劃 Flexible Teaching Plan | <p>請勾選(至少需勾選1 個項目): Please tick the box(es). (At least one item is required.):</p> <p><input type="checkbox"/> 問題討論 Problem-based Discussion</p> <p><input type="checkbox"/> 翻轉教學 Flipped Classroom</p> <p><input type="checkbox"/> 展演實作 Performance / Practical Presentation</p> <p><input type="checkbox"/> 校外參訪 Off-campus Visit</p> <p><input type="checkbox"/> 講座活動 Lecture / Seminar</p> <p><input type="checkbox"/> 線上作業 Online Assignments</p> <p><input type="checkbox"/> 自主學習 Self-directed Learning</p> <p><input type="checkbox"/> 課業輔導 Academic Support</p> <p><input type="checkbox"/> 實驗操作 Experiment Operation</p> <p><input type="checkbox"/> 遠距教學(同步) Distance Learning (Synchronous)</p> <p><input type="checkbox"/> 遠距教學(非同步) Distance Learning (Asynchronous)</p> <p><input type="checkbox"/> 其他(請填寫) Others (Please specify.):</p> <p>備註: 本校學期週數自115 學年度起調整為17 週, 為符合1學分18 小時之原則, 請教師規劃安排彈性教學。 Note: From the 115th academic year, the semester will be 17 weeks. Please include flexible teaching activities to meet the required 18 hours per credit.</p> |
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教學策略 Teaching Strategies

- 課堂講授 Lecture 分組討論 Group Discussion 參觀實習 Field Trip
- 其他 Miscellaneous:

教學創新自評 Teaching Self-Evaluation

創新教學 (Innovative Teaching)

- 問題導向學習 (PBL) 團體合作學習 (TBL) 解決導向學習 (SBL)
- 翻轉教室 Flipped Classroom 磨課師 Moocs

社會責任 (Social Responsibility)

- 在地實踐 Community Practice 產學合作 Industry-Academia Cooperation

跨域合作 (Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching 跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

學期成績計算及多元評量方式 Grading & Assessments

| 配分項目 Items | 配分比例 Percentage | 多元評量方式 Assessments | | | | | | | |
|--|--------------------|--------------------|----------|----------|----------|----------|----------|----------|---------------------------|
| | | 測驗 會考 | 實作 觀察 | 口頭 發表 | 專題 研究 | 創作 展演 | 卷宗 評量 | 證照 檢定 | 其他 |
| 平時成績(含出缺席) General Performance (Attendance Record) | 10% | | | | | | | | Participation |
| 期中考成績 Midterm Exam | 15% | | | | | | | | one midterm exam |
| 期末考成績 Final Exam | 15% | | | | | | | | one final presentation |
| 作業成績 Homework and/or Assignments | 60% | | | | | | | | six assignments |
| 其他 Miscellaneous (_____) | | | | | | | | | |

評量方式補充說明

Grading & Assessments Supplemental instructions

教科書與參考書目 (書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.
Personal website can be listed here.)

其他補充說明 (Supplemental instructions)