國立東華大學

課　綱　Course Outline
管理學院會計與資訊管理國際學士班學士班

中文課程名稱 Course Name in Chinese	計算機概論				
英文課程名稱 Course Name in English	Introduction to Computer Science				
科目代碼 Course Code	ACIM10010	班　別 Degree	學士班 Bachelor's		
修別 Type	學程 Program	學分數 Credit(s)	3.0	時　數 Hour(s)	3.0
先修課程 Prerequisite					

課程目標
Course Objectives

This course provides a comprehensive overview of fundamental topics in computer science. Students will gain basic knowledge about computers, data manipulation and abstraction, computer architecture and organization, software development, operating systems, databases, networks, multimedia, and artificial intelligence. By the end of the course, students will have a solid foundation and knowledge in computer science, making them well-prepared for further advanced studies in advanced fields.

系教育目標
Dept.'s Education Objectives

1	培養結合理論與實務之會計資訊專業人才
2	培養多元視野與跨領域整合能力之會計資訊專業人才
3	培養專業能力與品德操守並重之會計資訊專業人才

	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

課程大綱
Course Outline

1. Introduction to computer
2. Data storage
3. Data manipulation
4. Operating systems
5. Networking and Internet
6. Algorithms
7. Programming languages
8. Software Engineering
9. Database
10. Artificial Intelligence

資源需求評估（師資專長之聘任、儀器設備的配合···等）
Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)

具資訊管理或資訊科學專長之教師。

課程要求和教學方式之建議
Course Requirements and Suggested Teaching Methods

以課堂授課為主，上網檢索為輔。

其他
Miscellaneous