國立東華大學

教學計劃表　Syllabus

課程名稱(中文) Course Name in Chinese	程式設計(一)			學年/學期 Academic Year/Semester		112/1
課程名稱(英文) Course Name in English	Introduction to Computer Programming(I)					
科目代碼 Course Code	ACIM10020	系級 Department & Year	學一	開課單位 Course-Offering Department	會計與資訊管理國際學士班	
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)		3.0/3.0		
授課教師 Instructor	/張漢利					
先修課程 Prerequisite						

課程描述　Course Description

This course aims to provide students with a solid foundation in computer programming using C and Python programming languages. Students will learn how to write clear and effective codes through a hands-on approach. This course is designed for individuals with little to no programming experience. Students will also gain practical programming experience and develop problem-solving skills through small projects and exercises. By the end of the course, students will be able to perform basic programming tasks and have a solid foundation for further exploration of advanced topics.

課程目標　Course Objectives

This course aims to provide students with a solid foundation in computer programming using the C and Python languages. Students will learn how to write clear codes through a hands-on learning approach. This course is designed for individuals with little to no programming experience. Students will also gain practical programming experience and develop problem-solving skills through small projects and exercises. By the end of the course, students will be able to perform basic programming tasks and have a solid foundation for further exploration of advanced topics.

	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	Orientation	
2	Introduction	

3	Variables & Data Types	
4	Operators	
5	National Holiday	
6	Conditional Statements	
7	Loop 1	
8	Loop 2	
9	期中考試週 Midterm Exam	
10	Loop 3	
11	Array 1	
12	Array 1	
13	String 1	
14	String 2	
15	Function 1	
16	Function 2	
17	期末考試週 Final Exam	
18	Alternative	

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 Industy-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 General Performance	10%								
期中考成績 Midterm Exam	20%	✓							
期末考成績 Final Exam	25%	✓							
作業成績 Homework and/or Assignments	35%		✓						
其他 Miscellaneous (class participation)	10%								

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）