



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	程式設計實驗(二)		學年/學期 Academic Year/Semester	114/2
課程名稱(英文) Course Name in English	Lab of Programming II			
科目代碼 Course Code	DS_10100	系級 Department & Year	學一	開課單位 Course-Offering Department
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)	1.0/	
授課教師 Instructor	/楊舜博			
先修課程 Prerequisite				
課程描述 Course Description				
Through hands-on practice, students will gain a deeper understanding of the fundamental concepts of Object-Oriented Programming (OOP).				
課程目標 Course Objectives				
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	Course Overview			
2	Basic input and output			
3	Object and Class			
4	OOP and functional programming			
5	Access modifier			
6	Inheritance			
7	Spring Break			
8	Polymorphism			
9	Midterm Exam week			
10	Operator Overloading			
11	Function Overriding			
12	Virtual Function			
13	Abstract Class			
14	Template			
15	Concept			
16	Final Exam week			

17		
18	期末考試週 Final Exam	

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)	0%								
期中考成績 Midterm Exam	0%								
期末考成績 Final Exam	0%								
作業成績 Homework and/or Assignments	100%		✓	✓					
其他 Miscellaneous (_____)	0%								

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)