

 國立東華大學
教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	程式設計實驗(一)			學年/學期 Academic Year/Semester	114/1
課程名稱(英文) Course Name in English	Lab of Programming I				
科目代碼 Course Code	DS_10060	系級 Department & Year	學一	開課單位 Course-Offering Department	大數據科學國際學士班
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					
In this course, we aim to train students how to write programs to solve problems. Programming is the basic skill for each student major in computer science and engineering. The students must spend a lot of time to well develop this important professional skill when taking this course. We will assign many programming assignments for the students so that the students can enhance their programming capability solidly by hand-on practices. Code copying is absolutely forbidden in any assignment. Any violation to this rule would be penalized seriously with no leniency. In the end, the students should set a goal to pass the qualification examination on the basic programming held periodically in the department.					
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	Introduction C Language				
2	Fundamental of C Language				
3	Formatted Input and Output				
4	Expression, Selection Statements				
5	Loop				
6	Function				
7	Function				
8	Arrays				
9	期中考試週 Midterm Exam				
10	Arrays				
11	Pointer				
12	Pointer				

13	Pointer	
14	String	
15	Structures	
16	File Handling	
17	Data Structure v	
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)	20%								
期中考成績 Midterm Exam	0%								
期末考成績 Final Exam	0%								
作業成績 Homework and/or Assignments	80%								
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.)									
http://www.elearn.ndhu.edu.tw									
其他補充說明 (Supplemental instructions)									