國立屏東大學　111學年度第2學期　教學課程綱要

課程學分數：3.00(3.00小時)

授課老師：蔡安朝(301019)　　必選修：選

開課序號	0812
科目名稱	程式語言(COS2022)
科目英文名稱	Programming Languages
授課語言	英語/國語/閩南語/全外語授課
主要教學型態	課堂教學&遠距輔助教學
教學目標	Provide a detailed explanation of Object-Oriented Programming (Python).
每週課程內容及教學方法	1. Introduction　Lecture, Lab 2. Variable, Data type　Lecture, Lab 3. 228 Holiday 4. Operator, In/Output　Lecture, Lab 5. Flow　Lecture, Lab 6. String, Array, Dict　Lecture, Lab 7. Function, Class　Lecture, Lab 8. Spring Holiday 9. Midterm　Report 10. Inheritance　Lecture, Lab 11. Encapsulation　Lecture, Lab 12. Case study　Lecture, Lab 13. File read/write　Lecture, Lab 14. Garbage collection　Lecture, Lab 15. Regular expression　Lecture, Lab 16. Final presentation　Presentation 17. Supplementary materials　On-Line 18. Supplementary materials　On-Line
核心能力	
預期學習成果	To understand the working theory and implementation detail of Object-Oriented Programming (Python).
與預期學習成果搭配的多元評量	20% Participation 30% Homework (3~5 homework) 20% Midterm report 30% Final project implementation and presentation (In English, 1~2 members)
主要讀本	NA
參考書目	NA

其他事項	Line Group: https://line.me/R/ti/g/o9VimeuNZw