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②國玄東華大學

教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	作業系統			學年/學期 Academic Year/Semester		114/1
課程名稱(英文) Course Name in English	Operating Systems					
科目代碼 Course Code	CSIEB0170	系級 Department 學三 & Year		開課單位 Course-Offering Department	資訊工程學系	
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)		3.0/3.0		
授課教師 Instructor	/陳旻秀					
先修課程 Prerequisite						

課程描述 Course Description

The goal of the course is to let you understand

- 1. the major operating systems components
- 2. the computer system organizatio

課程目標 Course Objectives

The goal of the course is to let you understand the major operating systems components and organization and the computer resources management strategies.

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	
2	System Structure	
3	Process Concept	
4	Process Concept	
5	Multithreaded Programming	
6	Multithreaded Programming	
7	Process Scheduling	
8	Process Schedulin	
9	期中考試週 Midterm Exam	
10	Synchromization	
11	Synchromization	
12	Deadlocks	
13	Deadlocks	
14	Memory-Management Strategies	
15	Memory-Management Strategies	

16	Virtual-Memory Management					
17	Virtual-Memory Managemen					
18	期末考試週 Final Exam					
	教 學 策 略 Teaching Strategies					
✓ 課堂講才	授 Lecture					
其他Mis	scellaneous:					
	教 學 創 新 自 評 Teaching Self-Evaluation					
創新教學(]	Innovative Teaching)					
問題導向	問題導向學習(PBL) 團體合作學習(TBL) 解決導向學習(SBL)					
一						
— — — — 社會責任(Social Responsibility)						
│						
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	r: 					

學期成績計算及多元評量方式 Grading & Assessments									
配分項目	多元評量方式 Assessments								
Items	配分比例 Percentage	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)	10%								
期中考成績 Midterm Exam	30%	~							
期末考成績 Final Exam	40%	~							
作業成績 Homework and/or Assignments	30%		~						
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.)

Operating System Concepts

Ninth Edition

Avi Silberschatz Peter Baer Galvin Greg Gagne

John Wiley & Sons, Inc.

ISBN 978-1-118-06333-

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(Cupplemental	inatmustions
县100浦分部明(Supprementar	THIST PHET LIONS