


國立東華大學
教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	無線網際網路		學年/學期 Academic Year/Semester	106/1
課程名稱(英文) Course Name in English	Wireless Internet			
科目代碼 Course Code	CSIE58400	系級 Department & Year	碩士	開課單位 Course-Offering Department
修別 Type	選修 Elective	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 無線網路發展現況 未來網路發展趨勢 新的研究議題介紹 Architecture of wireless mobile network Future of wireless mobile network Research issue				
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 of this course	
2	Review the computer network	
3	Review the computer network	
4	Review the network layer	
5	Review the network layer	
6	Concept of Wireless Network	
7	Concept of Wireless Network	
8	Concept of Wireless Network	
9	期中考試週 Midterm Exam	
10	WLAN	
11	WLAN	
12	WLAN	

13	Mobility Management	
14	Mobility Management	
15	WWAN and 3G	
16	WWAN and 3G	
17	WWAN and 3G	
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:

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									
期中考成績 Midterm Exam	50%	✓							
期末考成績 Final Exam	50%	✓							
作業成績 Homework and/or Assignments									
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.)

None
Reference :
Dave Wisely, Philip Eardley and Louise Burness, IP for 3G, Networking Technologies for Mobile Communications, John Wiley & Sons, 2002.
Lawrence Harte, Richard Levine and Roman Kikta, 3G Wireless Demystified, Mc Graw Hill, 2002.
Y-Bing Lin and Imrich Chlamtac, Wireless and Mobile Network Architectures, Wiley Computer Publishing, 2001.
Harri Holma and Antti Toskala, WCDMA for UMTS Radio Access for Third Generation Mobile Communication, John Wiley & Sons, 2003.
相關論文 Related Papers

課程教材網址 (教師個人網址請列在本校內之網址)
Teaching Aids & Teacher's Website (Personal website can be listed here.)

其他補充說明 (Supplemental instructions)