② 图 z 東華大學 教學計劃表 Syllabus

		455 1	- 미 町112	Oyıı	asas					
	名稱(中文) me in Chinese				學年/學期 Academic Year/Seme	ester 1	114/1			
	名稱(英文) me in English	Information Retrieval								
	ト目代碼 rse Code	I M_50050	系級 Department & Year		開課單位 Course-Offering Department					
	修別 Type	Requi red	0/3.0							
	e課教師 structor	/								
	修課程 equisite									
		課	程描述 Course	Descrip	tion					
mining, mad and text mi	chi ne I ear ni ng,	and related app y reviewing the ntent managemen	olications such e above areas, nt and knowledo	n as patt students ge retrie		object recogni	ti on,			
課程目標 Course Objectives										
term wei ghti ng										
系專業能力 Basic Learning Outcomes							課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives			
A creati	ivity and thinking	n spirit of serv			ity regarding ational view					
R	mation		essional ability							
C infor	mation technology	and management	Nurture in	tegrated	ability regarding					
D infor	Nurture ability of									
E reseau	rch, Leadership ar	nd information in		ty regar	ding independent					
	·			ted 〇中	度相關 Moderately	correlated				
		授課進	度 表 Teaching	Schedule	e & Content					
週次Week		內容	Subject/Topic		備註Remarks					
1	Data mining and	l machine learn								
2	Data preprocessing									
3	Mini ng	3 Mining frequent patterns & association rules								

4

Classification and prediction

5	Cluster analysis							
6	I mage/obj ect recognition							
7	Image descriptors							
8	Recognition methods							
9	Information retrieva							
10	The term vocabulary and postings lists							
11	Vector space model							
12	Evaluation in information retrieval							
13								
14								
15								
16								
17								
18								
	教學策略 Teaching Strategies							
✓ ☐ M:	Lecture Group Discussion Field Trip							
	教學創新自評 Teaching Self-Evaluation							
	Innovati ve Teaching)							
	(PBL) (TBL) (SBL)							
	Flipped Classroom Moocs							
	Social Responsibility)							
	Community Practice Industy-Academia Cooperation							
(Transdisciplinary Projects)							
	Transdi sci pl i nary Teachi ng Inter-col l egi ate Teachi ng							
	Courses Co-taught with Industry Practitioners							
othe	r:							
i								

學期成績計算及多元評量方式 Grading & Assessments									
配分項目	配分比例 Percentage	多元評量方式 Assessments							
Items		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
() General Performance (Attendance Record)	10%								
Midterm Exam	25%								
Fi nal Exam	25%								
Homework and/or Assignments									
Miscellaneous (paper reading)	40%								

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.)

Data mining: concepts and techniques, 3nd ed., J. Han and M. Kamber, Morgan Kaufmann, 2011. (ISBN-13: 978-0123814791)

Introduction to Information Retrieval, C.D. Manning, P. Raghavan, and H. Schütze, Cambridge University Press. 2008. (http://nlp.stanford.edu/IR-book/information-retrieval-book.html)

Pattern Classification, 2nd ed., R.O. Duda, P.E. Hart, and D.G. Stork, Wiley-Interscience, 2000.

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.)

meet. googl e. com/ei q-xj zk-vyw

其他補充說明(Supplemental instructions)