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②國玄東華大學

課 網 Course Outline

	課 綱 資訊工	tourse t 程學系國際				
中文課程名稱 Course Name in Chinese	大數據分析導論					
英文課程名稱 Course Name in English	Introduction to Big Data Analytics					
科目代碼 Course Code	CSIEB0510	班 別 Degree	學士班 Bachelor's			
修別 Type	學程 Program	學分數 Credit(s)	3. 0	時 數 Hour(s)	3. 0	
先修課程 Prerequisite						
		課程目標 e Objectives				
ubiquitous. This coufor adopting big dait can add value, we properly plan to de	the concepts of "big rse has a goal to prove ta techniques. We prove that types of problems termine the need, aligner plan for integration.	vide a firm g vide an overv are suited t gnathe right	grounding in la view of what b to a big data a	aying out a ig data is a approach, an	strategy .nd why .d how to	
	·	、教育目標 Ication Objec	ctives			
	具備學科知識,養成專業技能 Acquire academic knowledge, develop professional skills					
	學習創新思考,分析解決問題 Inspire innovative thinking, increase analytical problem solving ability					
131	培養團隊精神,學習溝通合作 Promote teamwork spirit, encourage coordination and cooperation					
l /I l	提昇專業倫理,承擔社會責任 Sublimate professional ethics, engage social responsibility					
5 涵育人文素養,開 Cultivate human	打函際視野 ities,broaden global	perspectives				
				課程目標	與系專業能	

方涵育人文素養,開拓國際視野
Cultivate humanities, broaden global perspectives課程目標與系專業能力相關性
Correlation
between Course
Objectives and
Dept.'s Education
ObjectivesA資訊專業終身學習能力
Ability of lifetime learning in information profession〇

В	實驗驗證資訊科學能力 Ability of validate experimental result validation in information science field	0			
С	資訊工具整合運用能力 Ability of integrated applications of information technology	•			
D	資訊系統應用設計開發能力 Ability of information application system design and development	•			
Е	團隊合作溝通協調能力 Ability of teamwork, communication, and coordination	0			
F	資通訊科技問題解決能力 Ability of problem solving regarding information and communication technology	0			
G	瞭解資訊科技多元影響能力 Ability to understand information technology's multiple influences				
Н	肩負資訊人社會責任能力 Hi Ability of bearing the social responsibilities being among information professionals				
圖示說明Illustration :● 高度相關 Highly correlated ○中度相關 Moderately correlated					
課程大綱 Course Outline					
 Introduction Business Problems and Big Data Analytics Integrating Big Data Analytics Big Data Management Big Data Analytics Tools and Techniques Developing Big Data Applications High Performance for Big Data Analytics Practical Issues in Big Data Analytics Conclusion 					
資源需求評估(師資專長之聘任、儀器設備的配合・・・等) Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)					
Existing suitable full-time teachers					
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods					
Midterm exams, programming homework, final exams					
其他					
	其他				
	其他 Miscellaneous				