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②图玄束華大學

Course Outline 課

管理學院會計與資訊管理國際學士班學士班							
中文課程名稱 Course Name in Chinese	大數據決策支援系統						
英文課程名稱 Course Name in English	Big Data Decision Support System						
科目代碼 Course Code	ACIM30040	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 Course Objectives							
architectures, mana applications, and m to real time data,	support System (BDDSS) gement tools, informate thodologies. Its major enable manipulation of and to provide business.	tion database or objective f these data	es, financial is to enable in the field	analytical tinteractive of finance a	tools, access and		

conduct appropriate analysis.

	系教育目標					
Dept.'s Education Objectives						
1	培養結合理論與實務之會計資訊專業人才					
2	培養多元視野與跨領域整合能力之會計資訊專業人才					
3	3 培養專業能力與品德操守並重之會計資訊專業人才					
	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	兼具會計資訊理論與實務操作及專業知識,具備跨領域解決問題能力	•				
В	具有良好之會計資訊理論基礎與分析能力,具備相關領域升學或就業之知識與能力	0				
С	具備以資訊技術協助企業運作與商業管理之知識與應用能力	0				

D	具有會計資訊、風險控管、電腦審計與稅務整合能力	0
Е	具備超然獨立並嚴格遵守會計資訊專業倫理的道德勇氣	0
F	具備團隊合作、國際視野、創造性思考及良好的外語能力	0

圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated

課程大綱

Course Outline

BDDSS have major components: the data warehouse with source data in finance, business analytics including a collection of tools for financial data manipulating, data mining, and analyzing financial data in data warehouse, business performance management for monitoring and analyzing performance, and the user interface design. Data analytics in finance is the process of developing BDDSS actionable decisions or recommendations for actions based upon insights generated from historical and real time data. The purpose of this course is to let students having financial background understand how to look at all the data in BDDSS and investigate what is happening about BDDSS with close connection to finance and management science, what will happen, and how to make the right choice of BDDSS at the right time.

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.)

Finance analytics software and on-line data base.

課程要求和教學方式之建議

Course Requirements and Suggested Teaching Methods

Lecture notes and status quo literature reviews.

其他

Miscellaneous

- 1. Textbook: Analytics, Data Science, & Artificial Intelligence: Systems for Decision Support, 11th Edition. Sharda, Delen and Turban 2020; Person.
- 2. http://www.elearn.ndhu.edu.tw/moodle