朝陽科技大學 096學年度第1學期教學大綱
Research Methodology 研究方法論

當期課號	7378	Course Number	7378
授課教師	李麗華	Instructor	LI,LI HUA
中文課名	研究方法論	Course Name	Research Methodology
開課單位	資訊管理系碩士班一A	Department	
修習別	必修	Required/Elective	Required
學分數	1	Credits	1
課程目標	本課程的目的是讓學生瞭解如何以系統化的科學方法來進行研究，以產出具有品質的研究成果。課程內容包括了研究的規劃與設計、研究計畫書的撰寫與評估、研究設計的方法、資料蒐集的方式、資料分析、以及研究成果的呈現。除了研究方法理論的介紹，並從資管相關學術期刊中選取數篇學術論文，探討如何適當地運用研究方法來進行資管相關研究。	Objectives	The purpose of this course is to teach the students how to conduct research with systematic and scientific methods in order to achieve high quality research performance. The contents of the course include planning and design of the research, writing and evaluation of proposals, design of research methods, data gathering and analysis, and presentation of the research results. Besides the introduction to research methodology, papers related to information management will be selected as reading materials. Discussions will also be conducted aiming at using appropriate research methods for information management related research.
教材	1.William M. K. Trochim, "The Research Methods Knowledge Base," Atomic Dog Publishing, 2nd Ed., 1999. 2.Justin Zobel, "Writing for Computer Science," Springer-Verlag, 2nd Ed., 2004. 3.M. H. Perng, “碩士班研究所新生手冊,” Precision Positioning Systems and Control (PPSC) Lab., Department of Power Mechanical Engineering, National Tsing Hua University. 4.R.S. Blicq and L.A. Moretto, "Writing Reports to Get Results: Quick, Effective Results Using the Pyramid Method," John Wiley & Sons, 3rd ed., 2001. 5.M. Markel, "Writing in the Technical Fields: A Step-by-Step Guide for Engineers, Scientists, and Technician," Wiley-IEEE Press, 1994.	Teaching Materials	1.Justin Zobel, "Writing for Computer Science," Springer-Verlag, 2nd Ed., 2004. 2.James D. Lester, "Writing Research Papers: A Complete Guide," Longman Publishing Group, 10th Ed., 2002. 3.M. H. Perng, “碩士班研究所新生手冊,” Precision Positioning Systems and Control (PPSC) Lab., Department of Power Mechanical Engineering, National Tsing Hua University. 4.R.S. Blicq and L.A. Moretto, "Writing Reports to Get Results: Quick, Effective Results Using the Pyramid Method," John Wiley & Sons, 3rd ed., 2001. 5.M. Markel, "Writing in the Technical Fields: A Step-by-Step Guide for Engineers, Scientists, and Technician," Wiley-IEEE Press, 1994.
成績評量方式	Homework;R/W Assignment 40% Attendance;Class performance 40% Presentation;Report 20%	Grading	Homework;R/W Assignment 40% Attendance;Class performance 40% Presentation;Report 20%
教師網頁	http://www.cyut.edu.tw/~lhli		
教學內容	This course is designed for new graduate students. The purpose is to let graduate students understand the concept of research methodology so that he/she can conduct research with systematic and scientific methods for better research performance. Another topic is to let student learn how to write professional papers, reports, proposals, and the master's thesis.	Syllabus	This course is designed for new graduate students. The purpose is to let graduate students understand the concept of research methodology so that he/she can conduct research with systematic and scientific methods for better research performance. Another topic is to let student learn how to write professional papers, reports, proposals, and the master's thesis.

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