



課 綱 Course Outline
資訊管理學系一般組

中文課程名稱 Course Name in Chinese	資訊系統發展與管理				
英文課程名稱 Course Name in English	Information Technology Project Management				
科目代碼 Course Code	IM_50190	班 別 Degree	碩士班 Master's		
修別 Type	必修 Required	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite					
課程目標 Course Objectives					
The future of many organizations depends on their ability to harness the power of information technology (IT), and good project managers continue to be high demand. The purpose of this course is responded to this call for issue by introducing and analyzing essential concepts and elements of IT project management, helping develop effective IT project managers and project teams. This course aims to develop students' competence in concepts, skills, tools, and techniques involved in IT project management, as well as in learning how to conduct a successful IT project to help businesses problem solving and improve their competitive advantages.					
系教育目標 Dept.'s Education Objectives					
1	培育具備資訊技術解決問題思維能力之高級人才 Cultivate senior personnel with the capability of information technology to solve problems with thinking skills				
2	以資訊技術為核心，培育具有高度專業能力之技術人才 Cultivate professional personnel with the capability of information technology				
3	以管理為對象，培育具有創新、研發、企劃整合能力之高級人才 Cultivate senior personnel with the capability of innovation, research and development and integrated planning				
4	提供數位內容、電子商務與知識管理所需之人才 Cultivate personnel with the capability of digital content, electronic commerce and knowledge management				
5	培育符合國家與區域發展所需之資訊管理人才 Cultivate information management personnel to meet the needs of national and regional development				

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	培育具備創造與思考能力、服務精神、團隊合作以及國際觀 Nurture ability regarding creativity and thinking, spirit of service, teamwork and international view	○
B	培養具備資訊專業知識與技能 Nurture professional ability and skill regarding information	●
C	培養具備資訊科技與管理領域之知識整合應用能力 Nurture integrated ability regarding information technology and management	●
D	培養具備解決問題之資訊剖析、組織、整合、應用以及表達的能力 Nurture ability of information analysis, organization, integration, application, and expression regarding problem solving	●
E	培養具備獨立研究、領導智能與資訊創新的能力 Nurture ability regarding independent research, leadership and information innovation	○

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

課程大綱 Course Outline

1. Course Overview
2. Introducing to Project Management
3. The Project Management and Information Technology Context
4. The Project Management Process Groups: A Case Study
5. Project "Integration" Management
6. Project "Scope"
7. Project "Time" Management
8. Project "Cost" Management
9. Project "Quality" Management
10. Project "Human Resource" Management
11. Project "Communications" Management
12. Project "Risk" Management
13. Project "Procurement" Management

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.)

具資訊管理與專案管理等專長之教師。

課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods

課堂講授、案例研討與分組討論、指定期刊文章閱讀與簡報。

課程成績評定之依據和標準 Grading Criteria

Grading evaluation is based on * term paper/project (40%), homework (10%), presentation (30%), review (10%), and class participation (10%)

* The turn-in term paper should not less than 20 pages, consisting of background,

literature review, model development, and references section, as well as the term project should be a prototype of PMIS.

其他
Miscellaneous

1. Schwalbe, K., 2016. Managing Information Technology Projects. 8th ed. Course Technology, Cengage Learning.
2. Gray, C.F., and Larson, E.W., 2008. Project Management: The Managerial Process. McGraw Hill.
3. Hoffer, J.A., George, J.F., and Valacich, J.S., 2014. Modern Systems Analysis and Design. 7th ed. Pearson, Always Learning.