

# 國立雲林科技大學資訊管理系

## 110-2 碩士學分班課程簡介(中文授課)

課程名稱	課程簡介	教學目標
網路攻防與技術應用	本專題研討的主題是「網路攻防與技術應用」旨在介紹各種網路安全與系統安全的理論與實作。上課方式除了講授原理以外，也很重視相關論文的賞析。	讓學生能夠理解網路安全的基本原理，並且熟悉網路攻擊與防禦的基本工具。
策略與資訊管理	學習資訊系統的外部導向運用，即探討企業可如何透過資訊科技以取得具持續性的競爭優勢。具體內容包括策略規劃、策略制定、與策略執行。而探討策略範圍包括功能層級、事業層級、集團層級、高科技競爭、與全球競爭等。	<p>學習資訊系統的外部導向運用，即探討企業可如何透過資訊科技以取得具持續性的競爭優勢。</p> <ol style="list-style-type: none"><li>1、瞭解策略管理基本概念與流程</li><li>2、知道如何制訂有效的事業層級策略</li><li>3、知道如何制訂有效的集團層級策略</li><li>4、學習如何有效執行制訂的策略</li><li>5、瞭解科技創新管理與策略管理的關係</li></ol>

## 專案管理

本課程旨在探討如何運用專案管理之技術及理論於資訊系統之開發專案。授課內容將涵括專案管理協會 (PMI) 所制定之 PMBoK。

This course will provide a comprehensive overview of the skills needed and challenges to be faced in managing projects in organizations.

The course is divided into a series of major topic areas relating to different elements of project management. The goal is to shape the course to approximate the elements of project management and the challenges faced chronologically; that is, first considering how to plan the project and then how to more effectively run the project. The remainder of the course concentrates on making use of the theories by developing analytical and interpersonal skills in the students that will be useful to them as project managers.

Class sessions will be conducted as a combination of lecture and open-class discussion of important concepts and exercises. Thus, pre-class preparation is important and classroom participation will be included in the students' final evaluation. Course readings will be supplemented at various times by experiential exercises that relate to the topics being covered.

統計方法應用

The main purpose of this course is to teach a variety of quantitative methods, including factor analysis, regression analysis, canonical analysis, LSREL, for leveraging students' abilities when they analyze their data

The main purpose of this course is to teach a variety of quantitative methods, including factor analysis, regression analysis, canonical analysis, LSREL, for leveraging students' abilities when they analyze their data. Moreover, the conceptual procedures will be adopted to define the research problem, objectives, and multivariate technique to be used, to develop the analysis plan, to evaluate the assumptions underlying the multivariate technique, to estimate the multivariate model and assess overall model fit, to interpret the variate, and to apply the diagnostics to the results