

朝陽科技大學 099學年度第1學期教學大綱
Digital Rights Management 數位產權管理

當期課號	7436	Course Number	7436
授課教師	薛夙珍	Instructor	HSUEH,SUE CHEN
中文課名	數位產權管理	Course Name	Digital Rights Management
開課單位	資訊管理系碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	數位權利管理(Digital Rights Management, DRM)是負責控制和管理權利來保護智慧財產權，並可運用軟硬體服務和保護技術在數位內容的生命周期內，控管數位內容的使用者授權和數位內容的使用規範」。課程內容將涵蓋DRM基礎概念的簡介，並說明受智慧財產權保護的數位內容（例如聲音、圖像、影像、文件等）與其傳播與分享的方式。授課範圍也包括了DRM中所運用的技術，例如資訊安全、密碼學、數位浮水印，以及現行相關、協定與產業標準（例如XrML, XMCL,...）。此外，也將進一步討論相關進階技術與應用議題。	Objectives	Digital Rights Management (DRM) refers to protecting ownership/copyright of electronic content by restricting what actions an authorized recipient may take in regard to that content. This course covers the fundamentals of DRM systems including identifying, tracking, authorizing and restricting access to digital media. Coverage includes fundamentals of DRM systems, intelligent property rights, digital content distribution, managing the use of digital assets, and related protocols and standards. A number of advanced topics will be covered, including mobile DRM and hacking methods.
教材	Conference and Journal paper	Teaching Materials	Conference and Journal paper
成績評量方式	課堂參與與作業: 30% 期中考: 30% 期末報告和上台報告 40%	Grading	Class Participation & assignments: 30% Midterm Exams: 30% Term Paper and Presentation: 40%.
教師網頁	http://www.cyut.edu.tw/~schsueh		
教學內容	數位權利管理(Digital Rights Management, DRM)是負責控制和管理權利來保護智慧財產權，並可運用軟硬體服務和保護技術在數位內容的生命周期內，控管數位內容的使用者授權和數位內容的使用規範」。課程內容將涵蓋DRM基礎概念的簡介，並說明受智慧財產權保護的數位內容（例如聲音、圖像、影像、文件等）與其傳播與分享的方式。授課範圍也包括了DRM中所運用的技術，例如資訊安全、密碼學、數位浮水印，以及現行相關、協定與產業標準（例如XrML, XMCL,...）。此外，也將進一步討論相關進階技術與應用議題。 6.Consumer Search and Resource Discovery 7.Mobile and Wireless Computing 簡介	Syllabus	Digital Rights Management (DRM) refers to protecting ownership/copyright of electronic content by restricting what actions an authorized recipient may take in regard to that content. This course covers the fundamentals of DRM systems including identifying, tracking, authorizing and restricting access to digital media. Coverage includes fundamentals of DRM systems, intelligent property rights, digital content distribution, managing the use of digital assets, and related protocols and standards. A number of advanced topics will be covered, including mobile DRM and hacking methods.

尊重智慧財產權，請勿非法影印。