

朝陽科技大學 095學年度第1學期教學大綱
Information Management Best Practices 資訊管理實務研討

當期課號	7780	Course Number	7780
授課教師	梁錫卿	Instructor	LIANG,SHYI CHING
中文課名	資訊管理實務研討	Course Name	Information Management Best Practices
開課單位	資訊管理系碩士在職專班二A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	XML(eXtensible Markup Language)是在1996年底由全球資訊網協會(World Wide Web Consortium, W3C),為建立全球資訊網路標準而提出的一種語言標準。XML為SGML(Standard Generalized Markup Language, ISO 8879)的子集,具有extensibility(允許使用者定義自己的網頁中的新tag及attribute name)、structure(可以巢狀式結構描述複雜的物件關係)、validation(包含描述的項目來解釋自己所定義的語法)等特性,這些特性使得它很適合作為電子商務應用中資料交換格式或知識管理(KM)中的知識表示語言。故學習完本課程後,對於XML-EDI(電子商務、供應鏈管理應用)、XML-Database、數位點藏或XML-Based KM等的應用將有很大的助益。	Objectives	XML was formally released by the World Wide Web Consortium (W3C) in 1998. It is a simplified subset of the Standard Generalized Markup Language (SGML, ISO 8879) but removes unnecessary complexity of SGML. Like HTML, XML uses tags to "markup" data. Unlike HTML defines all tags and tags serve the primary purpose of describing how to display a data item on screen, XML does not define tags. It is the designer who declares the tags he need in his document. Also, these tags describe the data itself, i.e. XML tags can be used as metadata. Thus, XML data is self-describing and it is possible for automated software programs to interpret the data. Many applications, such as XML-EDI (for EC or SCM application), XML-Database, XML-based Digital Archives, XML-based KM ... etc. are fast emerging as the dominant research topics up to date. The purpose of this course is to teach students to understand XML and how it can be applied to these applications.
教材	1.陳錦輝,「XML與ASP網站實作大全」,金禾資訊出版 2.郭木興,「電子商務-觀念、策略與案例實作」,學貫行銷,2005年8月出版 3.Papers	Teaching Materials	
成績評量方式	(1) 平時成績30% (2) 期中考30% (3) 期末主題研究與提報40%	Grading	(1) Course works 30% (2) Mid-term Exam.30% (3) Term Essay & Seminar.40%
教師網頁	-		
教學內容	第1週: Introduction 第2週: Well-Formed XML 第3週: DTD & DTD Attributes 第4週: XML Schema 第5週: ASP and XML 第6週: XSL 第7週: XML Data Island 第8週: XML DOM & Dynamic Validation 第9週: 期中考 第10週: XML EDI paper survey 第11週: XML Database paper survey 第12週: XML-based KM paper survey 第13週: XML-based Digital Archives paper survey 第14週: 電子商務(EC) application paper survey 第15週: 供應鏈管理(SCM) application paper survey	Syllabus	Week 1: Introduction Week 2: Well-Formed XML Week 3: DTD & DTD Attributes Week 4: XML Schema Week 5: ASP and XML Week 6: XSL Week 7: XML Data Island Week 8: XML DOM & Dynamic Validation Week 9: Midterm Exam. Week 10: XML EDI paper survey Week 11: XML Database paper survey Week 12: XML-based KM paper survey Week 13: XML-based Digital Archives paper survey Week 14: EC application paper survey Week 15: SCM application paper survey Week 16~18: Assigned topic

