朝陽科技大學 091學年度第2學期教學大綱
Introduction to Computers 計算機概論

當期課號	1119	Course Number	1119
授課教師	張本杰	Instructor	CHANG,BEN JYE
中文課名	計算機概論	Course Name	Introduction to Computers
開課單位	建築系(四日)一A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程針對建築系學生，授以足夠之電腦知識及PC操作技能，俾利其未來學習Auto Cad軟體或其他課程，爲學生建立一紮實之電腦基礎。	Objectives	This class is designed for the freshmen in the Department of Architecture to enlighten them with basic computer knowledge and operation skill so that the student could have a solid foundation for future enhancement in computer technology.
教材	teaching in classroom	Teaching Materials	teaching in classroom
成績評量方式	Homework 30%, Midterm, 30%, and Final 40%	Grading	Homework 30%, Midterm, 30%, and Final 40%
教師網頁			
教學內容	Computer Concept Introduction Computer History (5G) Data Representation Number Representation Digit Conversion (Bin, Oct, Decimal, Hex) Operations on Bits Computer Hardware Computer Architecture CPU Memory Cache I/O BUS Computer Networks OSI 7 layers Topology CS vs. PS LAN (802.3) WAN (Internet) Computer Software OS Programming Languages Algorithm Data Structure Software Engineering Data Organization Data Structures Abstract Data Types File Structure Databases Advanced Topics (option) Data Compression Security	Syllabus	Computer Concept Introduction Computer History (5G) Data Representation Number Representation Digit Conversion (Bin, Oct, Decimal, Hex) Operations on Bits Computer Hardware Computer Architecture CPU Memory Cache I/O BUS Computer Networks OSI 7 layers Topology CS vs. PS LAN (802.3) WAN (Internet) Computer Software OS Programming Languages Algorithm Data Structure Software Engineering Data Organization Data Structures Abstract Data Types File Structure Databases Advanced Topics(option) Data Compression Security

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