朝陽科技大學 091學年度第1學期教學大綱
Introduction to Computers 計算機概論

當期課號	2751	Course Number	2751
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	資訊工程系(四日)一B	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	-計算機簡介 - 數字系統 - 計算機結構 - 電腦軟體 - 資料結構 - 電腦網路應用 - 電腦潛能發展	Objectives	-Introduction to Computer Sciences -data and Number Representation -Computer Organization -Computer Networks -Operating Systems -Algorithms -Programming Languages -data Structures -File Structures -Databases -Security -Theory of Computation
教材	上課教學	Teaching Materials	class teaching
成績評量方式	作業，期中末考試	Grading	Homework, midterm, final
教師網頁	_		
教學內容	1. Introduction 2. Computer History (5G) 3. Computer Architecture 4. CPU History 5. Memory Hierarchy 6. Cache 7. Input Devices 8. Output Devices 9. Bus (ISA, EISA, MCA, VESA, PCMCIA, PCI, USB,....) 10. Digit Conversion (Bin, Oct, Decimal, Hex) 11. OS Introduction(98, 2K, XP, Linux, Solaris) 12. OS Structure 13. Application (Office, Image, Draw, Flash, Coding, Math,...) 14. Networking (Client-Server, Protocol, OSI, ...)(option) 15. Data Structure (option) 16. Coding (C, C++, Java,...)(option)	Syllabus	1. Introduction 2. Computer History (5G) 3. Computer Architecture 4. CPU History 5. Memory Hierarchy 6. Cache 7. Input Devices 8. Output Devices 9. Bus (ISA, EISA, MCA, VESA, PCMCIA, PCI, USB,....) 10. Digit Conversion (Bin, Oct, Decimal, Hex) 11. OS Introduction(98, 2K, XP, Linux, Solaris) 12. OS Structure 13. Application (Office, Image, Draw, Flash, Coding, Math,...) 14. Networking (Client-Server, Protocol, OSI, ...)(option) 15. Data Structure (option) 16. Coding (C, C++, Java,...)(option)

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