朝陽科技大學 096學年度第1學期教學大綱
Introduction to Computers 計算機概論

當期課號	2386	Course Number	2386
授課教師	許勝程	Instructor	HSU,SHENG CHENG
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	書名:Connecting with Computer Science 作者:Greg Anderson, David Ferro, Robert Hilton 出版社:Course Technology 國內代理:普林斯頓國際有限公司 (高立圖書) ISBN 13: 978-0-619-21290-2 ISBN 10: 0-619-21290-X	Teaching Materials	書名:Connecting with Computer Science 作者:Greg Anderson, David Ferro, Robert Hilton 出版社:Course Technology 國內代理:普林斯頓國際有限公司 (高立圖書) ISBN 13: 978-0-619-21290-2 ISBN 10: 0-619-21290-X
成績評量方式	1. 期中考: 25% 2. 期末考: 25% 3. 平時測驗: 30% 4. 報告: 10% 5. 出席: 10%	Grading	1. Mid-term Exam: 25% 2. Final Exam: 25% 3. Quiz: 30% 4. Project Report: 10% 5. Attendance: 10%
教師網頁			
教學內容	. A Brief History of Computing 2. Software Tools for Techies 3. Computer Architecture 4. Numbering Systems and Data Representation 5. Operating Systems 6. Networks 7. The Internet 8. Database Fundamentals 9. Data Structures 10. File Structures 11. Programming 12. Software Engineering 13. Computing Security & Ethics 14. Emerging Technologies	Syllabus	. A Brief History of Computing 2. Software Tools for Techies 3. Computer Architecture 4. Numbering Systems and Data Representation 5. Operating Systems 6. Networks 7. The Internet 8. Database Fundamentals 9. Data Structures 10. File Structures 11. Programming 12. Software Engineering 13. Computing Security & Ethics 14. Emerging Technologies 8. Data Abstractions

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