

朝陽科技大學 099學年度第2學期教學大綱
Introduction to Wireless Networks Introduction 無線網路概論

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| 當期課號 | 3677 | Course Number | 3677 |
| 授課教師 | 李建緯 | Instructor | LI, JIAN WEI |
| 中文課名 | 無線網路概論 | Course Name | Introduction to Wireless Networks Introduction |
| 開課單位 | 資訊工程系(四進)四A | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | <p>這門課的目標是提供學生電腦網路的知識，主題包括：網路簡介、網路實體層、資料連結層、網路層與應用層的演算法與協定。在完成這門課之後，學生將可以學習到下面幾點：1. 瞭解網路各層的功能；2. 瞭解網路層間的互相運作；3. 瞭解網路上不同系統相對應層的協定運作；4. 建立網路整體的觀念、演算法與協定。</p> | Objectives | <p>The goal of this course is to provide students with a basic knowledge of the computer networking. The main topics include networking introduction, Physical Layer of Networks, Data-link Layer of Networks, Network Layer of Networks, and Application Layer of Networks. Students will realize the following backgrounds of this course after completing the course: 1. The function of each network layer; 2. The operation of inter-layer; 3. Understand the operation of protocols; 4. Understand the algorithms and concepts of layered protocols.</p> |
| 教材 | Reference books slides Papers | Teaching Materials | Reference books slides Papers |
| 成績評量方式 | Homework, Midterm, Paper Study and Final Proposal | Grading | Homework, Midterm, Paper Study and Final Proposal |
| 教師網頁 | - | | |
| 教學內容 | <ol style="list-style-type: none"> 1. 無線網路簡介 2. 無線網路第一層 3. 無線網路第二層 4. 無線網路第三層 5. 無線網路第四層 6. 行動通訊 7. 異質無線網路 | Syllabus | <ol style="list-style-type: none"> 1. Introduction of Wireless Networking 2. Layer 1 for Wireless Networks 3. Layer 2 for Wireless Networks 4. Layer 3 for Wireless Networks 5. Layer 4 for Wireless Networks 6. Mobile communications 7. Heterogenous Wireless Networking |

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