# 朝陽科技大學 096學年度第2學期教學大綱
# Technique on Wireless Networking 無線網際網路技術

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| 當期課號 | 7431 | Course Number | 7431 |
| 授課教師 | 陳忠信 | Instructor | CHEN,JONG SHIN |
| 中文課名 | 無線網際網路技術 | Course Name | Technique on Wireless Networking |
| 開課單位 | 網路與通訊研究所碩士班一A | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 這個課程主要介紹電信系統，包括了電信(Telecommunication)之概念、無線通訊技術(Wireless Communication Technology)、無線網路(Wireless Networking)、線路交換網路系統(Circuit Switched Network Systems)、衛星通訊以及無線區域網路。 | Objectives | The course introduces the telecommunication systems. It covers the field of concepts to Telecommunication, Wireless Communication Technology, Wireless Networking, Circuit Switched Network Systems, Satellite Communications, and Wireless Local Area Networks (WLANs). |
| 教材 | Paper, Standard, and Others. | Teaching Materials | |
| 成績評量方式 | Midterm 30%<br>Final Term 30%<br>Paper present 40% | Grading | Midterm 30%<br>Final Term 30%<br>Paper present 40% |
| 教師網頁 | http://www.cyut.edu.tw/~jschen26/ | | |
| 教學內容 | Goal:get context, overview, “feel” of networking in more depth. I will start from the basic OSI layer, but with a faster speed.<br>I will use the materials by Education project to teach mobile computing concepts. Students should form stuidying groups for presenting a network topic at the final. The number of group members should not exceed three. | Syllabus | Introductions<br>Application Layer<br>Transport Layer<br>Network Layer and Routing<br>Data Link Layer<br>Multimedia Networking<br>Network Security<br>Network Management<br>Mobile Network<br>VoIP<br>Wireless LAN |

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