# 朝陽科技大學 093學年度第1學期教學大綱
# Internet Technologies 網際網路技術

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| **當期課號** | 2178 | **Course Number** | 2178 |
| **授課教師** | 張本杰 | **Instructor** | CHANG,BEN JYE |
| **中文課名** | 網際網路技術 | **Course Name** | Internet Technologies |
| **開課單位** | 資訊工程系(四日)三A | **Department** | |
| **修習別** | 選修 | **Required/Elective** | Elective |
| **學分數** | 3 | **Credits** | 3 |
| **課程目標** | 這門課的目標是提供學生網際網路方面的知識。在完成這門課之後，學生將可以學習到下面幾點： 1. 網際網路通訊協定 2. 網際網路交換設備 3. IPv6次世代網際網路協定 4. 路由演算法 5.流量控制 6. 網際網路服務品質。 | **Objectives** | The goal of this course is to provide the students with a basic knowledge of Internet Technologies. The students will realize the following internet technologies after finishing this course: 1. communication protocols 2. switching equipments 3. IPv6 Next Generation Internet Protocol 4. routing protocol 5. traffic control 6. Internet Quality of Service (QoS). |
| **教材** | Slides and references | **Teaching Materials** | |
| **成績評量方式** | Homework 30%<br>Midterm 40%<br>Project 40% | **Grading** | Homework 30%<br>Midterm 30%<br>Project 40% |
| **教師網頁** | _ | | |
| **教學內容** | Routing<br>Flow control<br>Congestion control<br>RSVP<br>Scheduling and Policing Mechanisms<br>Multicast Routing<br>Network Security<br>Firewall<br>Intrusion Detection System<br>Project implementation | **Syllabus** | Routing<br>Flow control<br>Congestion control<br>RSVP<br>Scheduling and Policing Mechanisms<br>Multicast Routing<br>Network Security<br>Firewall<br>Intrusion Detection System<br>Project implementation |

尊重智慧財產權，請勿非法影印。