

朝陽科技大學 096學年度第2學期教學大綱

Special Topic on Parallel and Distributed Systems (IV) 平行與分散式系統專題(四)

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| 當期課號   | 7455                                                                                                                                                                                                                                                                                                                           | Course Number      | 7455                                                                                                                                                                                                                                                                                                                                  |
| 授課教師   | 陳金鈴                                                                                                                                                                                                                                                                                                                            | Instructor         | CHEN,CHIN LING                                                                                                                                                                                                                                                                                                                        |
| 中文課名   | 平行與分散式系統專題(四)                                                                                                                                                                                                                                                                                                                  | Course Name        | Special Topic on Parallel and Distributed Systems (IV)                                                                                                                                                                                                                                                                                |
| 開課單位   | 資訊工程系碩士班二A                                                                                                                                                                                                                                                                                                                     | Department         |                                                                                                                                                                                                                                                                                                                                       |
| 修習別    | 選修                                                                                                                                                                                                                                                                                                                             | Required/Elective  | Elective                                                                                                                                                                                                                                                                                                                              |
| 學分數    | 2                                                                                                                                                                                                                                                                                                                              | Credits            | 2                                                                                                                                                                                                                                                                                                                                     |
| 課程目標   | "本課程主要討論的主題在平行及分散式系統，學生在完成本課程後，將可了解關於平行及分散式系統的相關技術，其主要涵蓋的範圍有：平行及分散式系統架構、平行及分散式計算、網際網路計算、叢集計算、網格計算、行動計算等。"                                                                                                                                                                                                                      | Objectives         | This course is aimed at discussing the topic of parallel and distributed systems. The students will realize the following important topics after finishing this course: Parallel and Distributed System Architecture, Parallel and Distributed Computing, Internet Computing, Cluster Computing, Grid Computing and Mobile Computing. |
| 教材     | IEEE, ACM, SDOS etc. papers.                                                                                                                                                                                                                                                                                                   | Teaching Materials | IEEE, ACM, SDOS etc. papers.                                                                                                                                                                                                                                                                                                          |
| 成績評量方式 | Project Progress 100%                                                                                                                                                                                                                                                                                                          | Grading            | Project Progress 100%                                                                                                                                                                                                                                                                                                                 |
| 教師網頁   | -                                                                                                                                                                                                                                                                                                                              |                    |                                                                                                                                                                                                                                                                                                                                       |
| 教學內容   | This course is aimed at discussing the topic of parallel and distributed systems. The following topics will be covered in this class.<br>1. Parallel and Distributed System Architecture<br>2. Parallel and Distributed Computing<br>3. Internet Computing<br>4. Cluster Computing<br>5. Grid Computing<br>6. Mobile Computing | Syllabus           | This course is aimed at discussing the topic of parallel and distributed systems. The following topics will be covered in this class.<br>1. Parallel and Distributed System Architecture<br>2. Parallel and Distributed Computing<br>3. Internet Computing<br>4. Cluster Computing<br>5. Grid Computing<br>6. Mobile Computing        |

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