# 朝陽科技大學 096學年度第2學期教學大綱
# Special topics Enviomental pollution control(2) 污染控制專題(二)

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| 當期課號 | 7212 | Course Number | 7212 |
| 授課教師 | 白子易 | Instructor | PAI,TZU YI |
| 中文課名 | 污染控制專題(二) | Course Name | Special topics Enviomental pollution control(2) |
| 開課單位 | 環境工程與管理系碩士班一A | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 2 | Credits | 2 |
| 課程目標 | 本課程將於學期中針對污染技術控制技術舉行四次聯合研究討論會，每一研究生必須準備一頁之精簡研究摘要並報告其研究進度，本課程特別強調研究之口頭報告與課堂之參與討論。本課程之污染技術控制技術主題包括：工業廢水處理，水回收與再利用，生物處理程序開發，環境生物技術及處理技術模式之開發與應用，透過聯合研究討論會報告與課堂間互動討論之方式，研究生將能學得更完整之污染控制技術。 | Objectives | This course will be designed to hold four union group meetings on topic of pollution control technology during the semester. Each graduate student has to prepare one page abstract for his research progress in meetings. The course especially emphasizes student's oral presentation and class participation. The subjects of pollution control technology include: industrial wastewater treatment, wastewater reclamation and reuse, biological process development, environmental biotechnology and biological process modeling and application. Through the joint meeting and mutual discussion in class, the graduate student may learn complementary area on the topic of pollution control technology. |
| 教材 | 研究領域之文獻/Journal ariticles or technical conference papers in pollution control field | Teaching Materials | 研究領域之文獻/Journal ariticles or technical conference papers in pollution control field |
| 成績評量方式 | 1.平時成績(出席率、課堂討論)50% 2.研究報告(含報告內容及口頭報告)50%, | Grading | 1.Class participation and discussion, 50%; 2.Research report and oral presentation |
| 教師網頁 | | | |
| 教學內容 | 本課程將於學期中針對污染技術控制技術舉行四次聯合研究討論會，每一研究生必須準備一頁之精簡研究摘要並報告其研究進度，本課程特別強調研究之口頭報告與課堂之參與討論。本課程之污染技術控制技術主題包括：工業廢水處理，水回收與再利用，生物處理程序開發，環境生物技術及處理技術模式之開發與應用，透過聯合研究討論會報告與課堂間互動討論之方式，研究生將能學得更完整之污染控制技術。 | Syllabus | This course will be designed to hold four union group meetings on topic of pollution control technology during the semester. Each graduate student has to prepare one page abstract for his research progress in meetings. The course especially emphasizes student's oral presentation and class participation. The subjects of pollution control technology include: industrial wastewater treatment, wastewater reclamation and reuse, biological process development, environmental biotechnology and biological process modeling and application. Through the joint meeting and mutual discussion in class, the graduate student may learn complementary area on the topic of pollution control technology. |

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